

**UNITED STATES DISTRICT COURT  
NORTHERN DISTRICT OF NEW YORK**

L.T AND M.T. by their parent Jeffrey N. Thomas, JEFFREY N. THOMAS as parent of L.T and M.T.; T.L., B.L., R.L., A.L. by their parent Karen LeClair; KAREN LECLAIR as parent of T.L., B.L., R.L., A.L.; J.S. by his parent Danielle Schipano; DANIELLE SCHIPANO as parent of J.S.; B.P by his parent Andrea Penamora, ANDREA PENAMORA as parent of B.P.; E.W. by her parent Joseph Whitehead; and JOSEPH WHITEHEAD as parent of E.W.

Plaintiffs,

vs.

Civil Action No.: 1:21-cv-1034 (LEK/DJS)

**Declaration of Stephen E. Petty**

HOWARD A. ZUCKER, in his official capacity and in his individual capacity,

Defendant.

**Declaration of Stephen E. Petty**

Stephen E. Petty, P.E., C.I.H., C.S.P., pursuant to 28 U.S.C. §1746, declares that:

1. I am of legal age and am competent to make this declaration. I am a Florida resident.
2. I have personal knowledge of the facts set forth below except to those matters stated upon information and belief and to those matters I believe them to be true. I could

competently testify about them if called as a witness.

3. Based on my education, training, experience, and ongoing review of the academic literature in the context of COVID-19, it is my professional opinion that mask mandates in schools do not have any significant impact on reducing the spread of the COVID-19 virus.

4. Since April 14, 1996, I have owned and operated EES Group, Inc., a forensic engineering and consultancy corporation specializing in health and safety.

5. I hold relevant industry certifications including board certifications as a C.I.H. (Certified Industrial Hygienist), C.S.P. (Certified Safety Professional), and as a P.E. (Professional Engineer) in six states (Florida, Kentucky, Ohio, Pennsylvania, Texas and West Virginia). My curriculum vitae is attached hereto as **Exhibit A**.

6. I have served as an expert in personal protective equipment and related disciplines in approximately 400 legal cases. I have often been certified as, and provided testimony as, an expert in these areas. My list of representative cases is attached hereto as **Exhibit B**.

7. For example, I am currently serving as an expert in the Monsanto Roundup, DuPont C-8 and 3-M PFAS litigation. Recently I testified in four trials for the DuPont C8 litigation.

8. I taught Environmental and Earth Sciences as an adjunct professor at Franklin University.

9. I hold nine U.S. patents, most related to heating, ventilation and air conditioning systems.

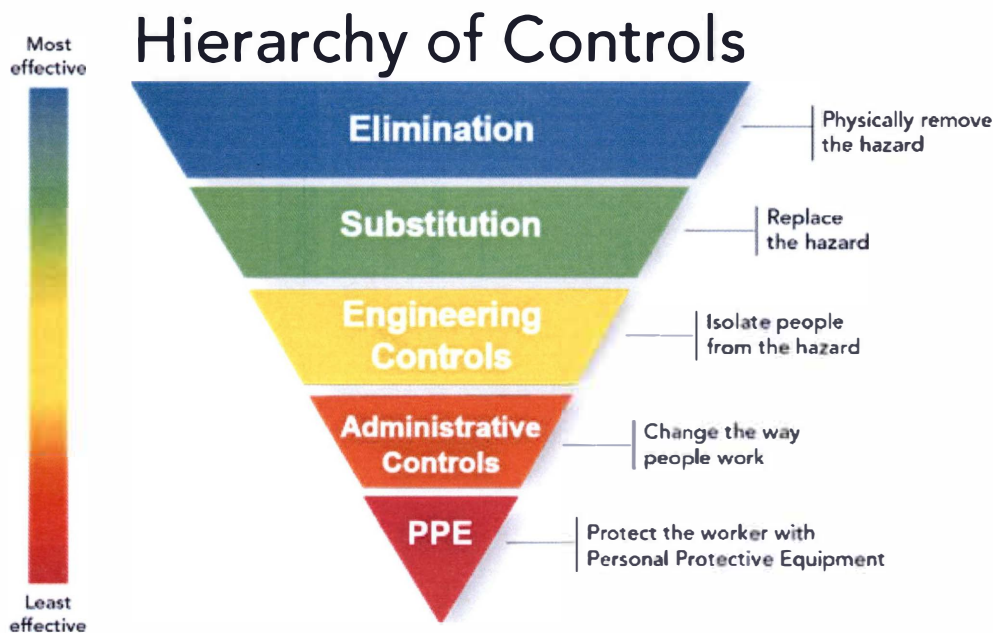
10. I am a current member in good standing of the following relevant associations: American Industrial Hygiene Association (AIHA), American Board of Industrial Hygiene (ABIH), American Conference of Governmental Industrial Hygienists (ACGIH), American Institute of Chemical Engineers (AIChE), American Society of Refrigeration, Air Conditioning and Refrigeration Engineers (ASHRAE); Member ASHRAE 40 Std. and TC 2.3, and Sigma Xi.

11. I am an expert in the field of Industrial Hygiene, which is the science and art devoted to the anticipation, recognition, evaluation, and control of those environmental factors or

stressors – including viruses – arising in or from the workplace, which may cause sickness, impaired health and well-being, or significant discomfort among workers or among the citizens of the community.

12. Industrial Hygiene is fundamentally concerned with the proper methods of mitigating airborne/dermal hazards and pathogens, as well as with the design and use of personal protective equipment, among other things.

13. Industrial hygienists refer to a “Hierarchy of Controls” that are typically implemented to minimize exposures, including exposures to very small airborne aerosols like SARS-CoV-2, the virus that causes COVID-19.



14. Regarding practical or “engineering” controls, industrial hygienists focus on practices that dilute, destroy, or contain airborne hazards (or hazards in general).

15. Personalized Protective Equipment (PPE) — especially facial coverings — do not dilute, destroy, or contain airborne hazards. Therefore, facial coverings are not part of the Industrial Hygiene (IH) Hierarchy of Controls. Even respirators (part of the PPE Category and classified separately from masks) are in the last priority on the Hierarchy of Controls.

16. Medical doctors, virologists, immunologists, and many public health

professionals are experts at how a virus behaves inside the human body, but not qualified experts in how the virus behaves outside of the human body. This is the purview of industrial hygiene and infection control.

17. On May 7, 2021, the Centers for Disease Control (CDC) updated its guidance, providing that the primary mechanism for transmission of COVID-19 is through airborne aerosols, and not, as previously stated, by touching contaminated surfaces or through large respiratory droplets, as also stated during previous periods of the pandemic.<sup>1</sup>

18. Airborne viral aerosols can consist of a single viral particle or multiple viral particles clumped together, and usually smaller than 5  $\mu\text{m}$  (microns) in size. By comparison, droplets are  $>5 \mu\text{m}$  to  $>10 \mu\text{m}$  in size.

19. The area of a micron by a micron is approximately 1/4,000th of the area of the cross-section of a human hair and 1/88th the diameter of a human hair. SARS-CoV-2 particles are 1/10 of a micron or  $\sim 1/40,000$ th of the area of a cross section of a human hair and  $\sim 1/880$ th the diameter of a human hair.

20. A recent University of Florida study capturing air samples within an enclosed automobile cabin occupied by a COVID-19 positive individual showed that the only culturable SARS-CoV-2 virus samples obtained were between 0.25 $\mu$  to 0.5 $\mu$  in size.<sup>2</sup> Particles smaller than 5 $\mu$  are considered very small and/or very fine or aerosols.

21. Very small particles do not fall by gravity at the same rate as larger particles, and can stay suspended in still air for a long time, even days to weeks.

22. Because they stay suspended in concentration in indoor air, very small particles can potentially accumulate and become more concentrated over time indoors if the ventilation is

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<sup>1</sup> <https://www.cdc.gov/coronavirus/2019-ncov/science/science-briefs/sars-cov-2-transmission.html>.

<sup>2</sup> Lednický, John A. et al. "Isolation of SARS-CoV-2 from the air in a car driven by a COVID patient with mild illness." *International Journal of Infectious Diseases*, Vol. 108, P212-216, July 1, 2021. DOI:<https://doi.org/10.1016/j.ijid.2021.04.063>.

poor.

23. Very small airborne aerosols pose a particularly great risk of exposure and infection because, since they are so small, they easily reach deep into the lung. This explains in part why COVID-19 is so easily spread, and why so little COVID-19 is required for infection.

24. Exposure to airborne aerosols is a function of two primary parameters: concentration and time. Less is better regarding both parameters. However, in a school environment, it is difficult to limit the amount of time students spend in a classroom.

25. For many reasons, PPE is the least desirable way to protect people from very small airborne aerosols. Facial coverings do not effectively protect individuals from exposure to very small airborne aerosols. A device referred to as a respirator (commonly referred to as an N95 Respirator) is required to provide such protection. Moreover, masks are not classified as PPE since they cannot be sealed and therefore do not meet the provisions of the Occupational Safety and Health Administration (OSHA) Respiratory Protection Standard (RPS), namely 29 C.F.R. § 1910.134.<sup>3</sup>

26. The AIHA, in its September 9, 2020 Guidance Document for COVID-19, noted that the acceptable relative risk reduction methods must be >90%; masks were shown to be only 10% and 5%, far below the required 90% level.<sup>4</sup>

27. Similarly, a paper published on July 21, 2021 in the Journal *Physics of Fluids* using ideally sealed masks and large particles 1 micron in size reported efficiencies of only 10% and 12% for the more commonly used cloth masks and surgical masks, respectively.<sup>5</sup> No mask

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<sup>3</sup> <https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.134>. Accessed September 24, 2021.

<sup>4</sup> <https://aiha-assets.sfo2.digitaloceanspaces.com/AIHA/resources/Guidance-Documents/Reducing-the-Risk-of-COVID-19-using-Engineering-Controls-Guidance-Document.pdf>. See FIG. 2.

<sup>5</sup> Shah, Yash et al. "Experimental investigation of indoor aerosol dispersion and accumulation in the context of COVID-19: Effects of masks and ventilation." *Phys. Fluids* 33, 073315 (2021); <https://doi.org/10.1063/5.0057100>.

can be perfectly sealed; thus “real world” effectiveness – particularly for children – is even lower.

28. Facial coverings are not comparable to respirators. Leakage occurs around the edges of ordinary facial coverings. According to the CDC’s National Institute for Occupational Safety and Health, surgical masks “do NOT provide the wearer with a reliable level of protection from inhaling smaller airborne particles and is not considered respiratory protection. Leakage occurs around the edge of the mask when the user inhales.”

29. Thus, ordinary facial coverings do not provide a reliable level of protection against inhalation of very small airborne particles and are not considered respiratory protection. The inability of the masks to achieve proper fit is particularly pronounced in children.

30. For example, during the seasonal forest fires in the summer of 2020, the CDC issued public guidance warning that facial coverings provide no protection against smoke inhalation, as facial coverings do not provide a reliable level of protection against the small particles of ash contained in smoke. Ash particles are substantially larger than COVID-19 aerosolized particles.

31. Ordinary facial coverings do not meet any of the several key OSHA Respiratory Protection Standards (RPS) for respirators.

32. Because of the gaps around the edges of ordinary facial coverings, they do not filter out COVID-19 aerosols. Any policy providing that masks will be worn snugly does not ensure gaps will not be present and defies known science that masks cannot be sealed and always have gaps.

33. Most over-the-counter facial coverings including cloth and surgical masks have edge gaps of 10% or more. When adult-sized facial coverings are used by children, edge gaps will usually greatly exceed 10%. Ordinary facial coverings do not provide any filtering benefit relative to particles smaller than 5 $\mu$ m if not sealed.



34. One study found that for aerosols  $< 2.5\mu\text{m}$ , mask filtration efficiency decreases by 66% for a relative leak area of 2%.<sup>6</sup> Therefore, the effectiveness of a facial covering falls to essentially zero when there is a 3% or more open area in the edges around the sides of the facial covering.

35. The following social media post, albeit posted by California Public Health, illustrates how poorly a standard surgical mask fits a child. The mask has large openings on both



<sup>6</sup> F. Drewnick, J. Pikmann, F. Fachinger, L. Moormann, F. Sprang, S. Borrmann, Aerosol filtration efficiency of household materials for homemade face masks: Influence of material properties, particle size, particle electrical charge, face velocity, and leaks. *Aerosol Sci. Technol.* 55, 63–79 (2021).

sides which greatly exceed 10%, making this mask completely ineffective.

36. Substantial mitigation of SARS-CoV-2 particles in school settings could be immediately achieved by:

- a. opening windows and using fans to draw outdoor air into indoor spaces (diluting the concentration of aerosols),
- b. setting fresh air dampers to maximum opening on HVAC systems,
- c. overriding HVAC energy controls,
- d. increasing the number of times indoor air is recycled,
- e. installing needlepoint ionization technology to HVAC intake fans, and/or
- f. installing inexpensive ultraviolet germicide devices and other destructive technologies into HVAC systems.

37. All of the above-referenced techniques are more effective and meet standard industrial hygiene hierarchy of controls (practices) for controlling exposures in place for nearly 100 years.

38. The use of cloth facial coverings do not fit within these basic hierarchy of controls since masks are not PPE and cannot be sealed. There are no OSHA standards for facial coverings (masks) as respiratory protection.

39. Extended use of respiratory PPE is not indicated without medical supervision.

40. There are a wide variety of well-known negative effects from wearing masks that have been thoroughly studied and reported for years. As explained in an April 2021 paper reviewing 44 experimental studies and 65 publications on adverse effects from masks, measurable physical effects including increased heart rates, respiratory rates and elevated CO<sub>2</sub> retention were noted even from wearing surgical masks for as few as 30 minutes.<sup>7</sup>

41. In one of the referenced studies of 12 healthy young students, investigators

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<sup>7</sup> Kisielinski, Kai et al. "Is a Mask That Covers the Mouth and Nose Free from Undesirable Side Effects in Everyday Use and Free of Potential Hazards?." *International Journal of Environmental Research and Public Health*, vol. 18, 8 4344. 20 Apr. 2021, doi: 10.3390/ijerph18084344 (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8072811/>)



observed dizziness, listlessness, impaired thinking and concentration problems when wearing masks.<sup>8</sup>

42. The paper summarized a lengthy list of negative effects from wearing masks that were reported in the literature, as follows:

<b>Increased risk of adverse effects when using masks:</b>		
<b><u>Internal diseases</u></b> COPD Sleep Apnea Syndrome advanced renal Failure Obesity Cardiopulmonary Dysfunction Asthma	<b><u>Psychiatric Illness</u></b> Claustrophobia Panic Disorder Personality Disorders Dementia Schizophrenia helpless Patients fixed and sedated Patients	<b><u>Neurological Diseases</u></b> Migraines and Headache Sufferers Patients with intracranial Masses Epilepsy
<b><u>Pediatric Diseases</u></b> Asthma Respiratory diseases Cardiopulmonary Diseases Neuromuscular Diseases Epilepsy	<b><u>ENT Diseases</u></b> Vocal Cord Disorders Rhinitis and obstructive Diseases  <b><u>Dermatological Diseases</u></b> Acne Atopic	<b><u>Occupational Health Restrictions</u></b> moderate / heavy physical Work  <b><u>Gynecological restrictions</u></b> Pregnant Women

**Figure 5.** Diseases/predispositions with significant risks, according to the literature found, when using masks. Indications for weighing up medical mask exemption certificates.

43. The authors note: “The overall possible resulting measurable drop in oxygen saturation (O<sub>2</sub>) of the blood on the one hand and the increase in carbon dioxide (CO<sub>2</sub>) on the other contribute to an increased noradrenergic stress response, with heart rate increase and respiratory rate increase, in some cases also to a significant blood pressure increase.”<sup>9</sup> *Id.* at 25.

44. In summarizing their findings, the authors conclude “...there are clear, scientifically recorded adverse effects for the mask wearer, both on a psychological and on a social and physical level.”<sup>10</sup>

45. For these reasons, students who are required to wear masks in school likely will

<sup>8</sup> *Id.* at 7.

<sup>9</sup> *Id.* at 25.

<sup>10</sup> *Id.* at 23.

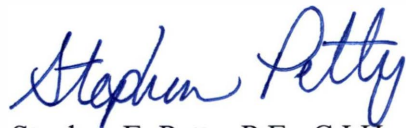
suffer immediate and ongoing injury, both psychological, social and physical – which is detrimental to the learning environment.

46. A recent summary of the literature on these topics shows:

- a. PPE is the least desirable way to protect people from very small airborne aerosols.
- b. Facial coverings such as cloth and surgical masks are not recognized as PPE since they cannot be sealed and are not covered by the OSHA RPS.
- c. If PPE were to be used for protection, respirators, not facial coverings, are needed to provide any effective protection from very small airborne aerosols.
- d. Very small aerosol particles are more likely to be a greater cause of disease than respiratory droplets because they can evade PPE and reach deep into the lungs, whereas respiratory droplets have to work against gravity in order to travel up a person's nose into the sinus and typically rapidly fall to the ground.
- e. Based on cited literature, individuals who are required to wear masks pursuant to a mandate have the known potential to suffer immediate and ongoing injury due to any one of the known psychological, social and physical side effects of mask wearing.

47. I reserve the right to supplement this declaration in writing or through oral testimony up to and through the time of a hearing. Supplementation will include testimony and evidence that expands upon the contents of this affidavit as well as necessary information outside of the four corners of this declaration.

On this 27<sup>th</sup> day of September, 2021, I, Stephen E. Petty, pursuant to 28 U.S.C. §1746, declare that I have read the foregoing declaration and the same is true to my own knowledge, except as to matters therein stated to be alleged on information and belief, and as to those matters, I believe them to be true.



Stephen E. Petty, P.E., C.I.H., C.S.P.,

# EXHIBIT A

**Mr. Stephen E. Petty, P.E., C.I.H., C.S.P.  
President**

**Company**

EES Group, Inc.  
(d/b/a - Engineering & Expert Services, Inc.)  
1701 E. Atlantic Blvd., Suite 5  
Pompano Beach, FL 33060

**Education**

B.S., Chemical Engineering, University of Washington  
M.S., Chemical Engineering, University of Washington  
M.B.A., University of Dayton

**Experience**

**General**

Mr. Petty is President of EES Group, Inc. (Engineering & Expert Services, Inc.). He started EES Group, Inc. in 1996, ultimately having offices in Ohio (Columbus and Cleveland) and in Florida (Pompano Beach). In 2015, he sold the Ohio portion of EES Group, Inc. while retaining Florida operations. Prior to starting EES Group, Inc. in 1996, Mr. Petty was the Manager of Residential and Commercial Technology at Columbia Energy and a Senior Research Engineer at Battelle. He has 37 years of forensic engineering, environmental health and safety, and energy experience. Since 2002, he has completed or supervised over 7,000 engineering forensic and health and safety projects for nearly 100 clients. This culminated in the writing of a Forensic Engineering textbook targeted at assessing claims for the insurance industry (*Forensic Engineering: Damage Assessments for Residential and Commercial Structures*, January 3, 2013, CRC Press publication; 2<sup>nd</sup> Edition to issue in 2022).

Mr. Petty's health and safety experience has focused on projects for the legal community (expert witness), the insurance industry, institutions, and the private sector. His expertise covers the area of Professional Engineering (PE's in six states), Industrial Hygiene (registered Certified Industrial Hygienist - CIH) and safety (registered Certified Safety Professional - CSP). As a CIH, he investigates the causes/solutions of an individual's sickness, impaired health, and discomfort at work and in the home. As a CSP, he investigates situations primarily arising out of possible Occupational Safety and Health Administration (OSHA) violations associated with workplace injuries. In other cases, this extends to customers injured at facilities where they are working or shopping. Finally, he is a certified Asbestos Evaluation Specialist in Ohio.

Mr. Petty has been involved in ~400 expert witness cases to date, with a primary focus on exposure to organic chemicals, inorganic chemicals, pesticides, PFOA, PFAS, mold, bacteria (*Legionella*), heat and bio-toxins; OSHA workplace compliance (chemical exposures, amputations, and slips, trips and falls, and building envelope systems). He has also supported/testified on building envelope, water cause and origin, structural, and roof damage claims. His company assembled a nine-member team of experts that



Mr. Stephen E. Petty, P.E., C.I.H., C.S.P

won the expert witness contract for the Ohio School Facilities Commission (OSFC) from 2004-2008.

Mr. Petty has extensive expertise on heating, ventilation and air conditioning (HVAC) systems and holds nine (9) U.S. patents primarily related to HVAC systems.

His safety and environmental experience also includes completion of many complex projects in Risk Assessment (BUSTR, EPA and VAP), Industrial Hygiene, Process Safety Management (PSM), Risk Management Plans (Health and Safety Audits), Environmental Assessments (EA) and Environmental Impact Statements (EIS), and air and water permits (PTI, PTO, NPDES, etc.) for numerous clients across the United States.

Finally, he has served in a leadership role in technology evaluations, business plans, and product development activities for dozens of products and ventures. He has been the invited dinner/lunch speaker to ASHRAE/AIHA and legal association functions.

### **Health and Safety Experience**

➤ Mr. Petty has been utilized as an expert witness in ~400 cases primarily related to human exposure(s) and safety (OSHA). In the exposure area, he has worked/testified on cases of exposure to acid gases, benzene, isocyanates, formaldehyde, gasoline, paint products, other organic chemicals, PFOA/PFAS silica, pesticides, Legionella and other bacteria and molds. In the safety area, he has worked/testified in worker exposure to chemicals, falls, and amputation cases and the standard of care required to protect workers and customers. He is recognized for his ability to reduce complex sets of information regarding exposure and compliance with regulatory standards into simple but accurate reports and presentations. Areas of practice include:

- Occupational Safety and Health Administration Regulations:
  - OSHA Health and Safety Regulations for Workers 29 CFR 1910 General Industry and 29 CFR 1926 Construction Industry
  - OSHA Process Safety Management of Highly Hazardous Chemicals - 29 CFR 1910.119
  - Personal Protective Equipment - PPE - 29 CFR 1910.132
  - Respiratory Protection Standard - 29 CFR 1910.134 and preceding/current ANSI Z88 Standards.
  - 29 CFR 1910.1000 - OSHA PEL and Controls Standard
  - 29 CFR 1910.1028 - Benzene Standard
  - Hazard Communication Standard - HAZCOM - 29 CFR 1910.1200 and preceding/current ANSI Z129.1 (Precautionary Labeling), ANSI Z400.1 (MSDS Preparation) and LAPI Industry Standards (7 Editions from 1945 forward).
- Mine Safety Health Administration (MSHA) EH&S Regulations - 30 CFR Parts 1 to 199

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- United State Environmental Protection Agency - USEPA - 40 CFR (Including pesticides, hazardous wastes, permitting, remediation, and Process Safety Management).
- DOT Transportation Regulations and Spill Response - Hazardous Waste Operations and Emergency Response (HAZWOPER) - 46 CFR.

Mr. Petty is also trained in Hazardous Waste Operations and Emergency Response (HAZWOPER) (40-hr.) and has served as a trainer for the 40-hr. course.

- Mr. Petty is a recognized expert in Risk Assessment (RA) having been one of 14 to take the first Risk Assessment courses offered by the Ohio State University & University of Cincinnati Schools of Public Health in 1997. In addition to having completed a dozen risk assessments, he was selected by the State of Ohio Bureau of Storage Tank Regulators (BUSTR) to help write their 1999 UST RA regulations. He was selected to train BUSTR staff RA (5-week course) and to help write the on-line RA webpage, proof the equations, and to help with the on-line help handbook.
- He has completed dozens of indoor air sampling projects for residential, commercial, and industrial clients. Clients include Grange Insurance Company, Northwest Local School District, Children's Hospital, Berger Hospital, Citgo, Salem University, and Nestle.
- He has completed dozens of mold field evaluation projects. In this area, he attended a one-week ACGIH mold course in late 2002. He also received his residential mold inspector credentials from the IESO in 2003.
- Examples of specific projects completed are:
  - Conducted worker illness IAQ program where Iraqi documents were being scanned. Sampled for anthrax, bio-toxins, mold, bacteria, VOCs, CO and CO<sub>2</sub>, temperature and humidity to help determine cause of worker complaints.
  - Sampled surface and materials for anthrax and bio-toxins at two commercial facilities.
  - Selected and completed analysis to determine cause of illness to players in their locker room at Nationwide Arena for the Columbus Blue Jackets professional hockey team.
  - Served as an expert to the OSFC on building HVAC and human comfort issues in school buildings.
  - Developed implementation templates for several Process Safety Management (PSM) and Risk Management Program (RMP) clients (e.g. Nestle facilities).
  - Prepared public meeting presentation materials for AEP RMPs at their Conesville and Tanners Creek power plants. Focus was to match public legal requirements with needs of the client, and development and presentation of worst case and alternative case release scenarios under Part 68 of 40 CFR.

Mr. Stephen E. Petty, P.E., C.I.H., C.S.P

- Completed PSM programs for two Southwest Research Institute (SwRI) facilities and two Nestle facilities. Focus was on completing process hazards analyses (PrHAs) and on setting up ongoing PSM programs. For Nestle, set up file-based system, wrote plans for all 14 major elements, and provided detailed checklists and guidance on sections such as training, mechanical integrity, etc.
  - Completed multiple ventilation projects for American Electric Power Plant facilities to determine best locations (performance vs. cost) for hazardous gas monitors in power plants and whether or not ductwork was contaminated with mold.
  - Completed series of EH&S projects for Dublin schools (e.g. air quality audits and noise analyses). Completed air clearance testing and reporting and held public meetings for the vandalism clean-up efforts of Grizzell Middle School.
  - Conducted industrial hygiene audits and testing for numerous public and private clients. Focused on HVAC systems, sampling (CO, CO<sub>2</sub>, relative humidity, molds, dust, bacteria, formaldehyde, VOCs, and isocyanates) and remediation/abatement.
  - Completed Failure Modes & Effects Analyses (FMEA) for DOD BZ Nerve Agent Plant design. Plant was later built, operated, and decommissioned in Pine Bluff, AR without incident.
- Developed IAQ solutions based on ASHRAE Standards and new technologies (e.g. desiccants).
  - Developed and taught OSHA HAZWOPPER courses (40-hr, 24-hr and 8-hr).
  - Voting member ASHRAE TC 8.3; corresponding member ASHRAE TC 3.5 (Desiccants).
  - Adjunct Professor at Franklin University. Instructor of Environmental and Earth Sciences courses.

## Engineering Experience

- President and Owner of EES Group, Inc. (EES) since 1996. Developed EES into one of the leading forensic companies in the state of Florida and Ohio.
- Author of *Forensic Engineering: Damage Assessments for Residential and Commercial Structures*, January 3, 2013, a CRC Press publication (2<sup>nd</sup> Edition to issue in early 2022). The book provides guidance on engineering claims assessments for the insurance industry.
- Developed forensics libraries and technical bulletins on how to assess insurance claims and fraud associated with claims. Lead author of refereed journal article reviewing hail damage from ~750 individual assessments.
- Completed or supervised over 7,000 forensics inspection projects for ~100 insurance companies and other private sector clients since 2002. Projects were associated with structural failures in residential and commercial buildings,

Mr. Stephen E. Petty, P.E., C.I.H., C.S.P

structural damage and failures caused by vehicles striking buildings, water causation and origin analysis, causes of plumbing failures, HVAC failures and damage, roof system failures and structural damage, mold cause, origin and removal, lead cause and removal, hail damage, and lightning claims. Also completed or supervised over 200 insurance appraisals (negotiated settlements) for the industry. Was selected and completed role as an umpire for a 36-building one million dollar hail claim dispute. Testified in trial on roofing claim disputes. Specifically requested for difficult projects and for projects in the state of Texas.

- Led company in efforts to bid and win roofing and environmental contracts with the Ohio School Facilities Commission (OSFC).
- Managed the turnkey design, permitting, and building of a fuel farm facility (\$750K) for The Ohio State University (OSU) Airport (2000). Project entailed the layout, design, and installation of six aboveground storage tanks (ASTs), 12,000 gallons each, and the removal and closure of four existing USTs. Fuels included Jet-A and Av-Gas. Project roles included site plans/layouts, preparation of subcontractor specifications, construction oversight, concrete foundation and subsurface design, permitting (PTI and PTO), start-up troubleshooting, and commissioning activities.
- Was lead researcher on two teams of nationally recognized residential and commercial heat pump development programs: i) Battelle (Double-Effect Absorption Heat Pump) and ii) Columbia Gas System (Dual Cycle Heat Pump). Both projects met goals for performance (efficiency and capacity). Research resulted in receipt of six U.S. Patents.
- Co-designed parking lot and storm-water collection system for major trucking firm on 40-acre site in Cleveland. Project began as a site assessment and concluded with facility design.
- Process engineer for 200 million gallons-per-day wastewater treatment plant for a Weyerhaeuser paper mill.
- Evaluated incineration technology and cost/benefit for an incinerator that burned organophosphate and chlorinated thio-ether wastes. Developed source term for present and future emissions under varying load rates.
- Prepared a carbon treatment designs for removing organophosphates and chlorinated thio-ether, and nerve agents from wastewater.
- Designed/permitted first of three mobile wastewater treatment facilities in the State of Ohio.
- Developed a process to eliminate HF/tar hazardous waste generation from an electronics manufacturing process.
- Developed processes to reduce contamination of water from oil spills, including biodegradation and controlled combustion.
- Conducted bench-scale analysis of reverse osmosis, ultrafiltration, wet air oxidation, and solvent extraction treatment processes.

Mr. Stephen E. Petty, P.E., C.I.H., C.S.P

## **Environmental Experience**

- Provided 8-hr. Tier 1 & Tier 2 training to State of Ohio BUSTR site coordinators (May 23, 2000).
- Provided approximately 40 hours of Risk Assessment Training (five 8-hr. training sessions) to BUSTR coordinators (May 1999).
- Member of BUSTR's new rules advisory committee (1999).
- Completed over a dozen BUSTR Tier 2 and Tier 3 Risk Assessments (RA) for clients such as CITGO, AEP, Anderson Concrete, and the Port Columbus Airport Authority. Creative solutions saved years of remediation and millions of dollars.
- Completed BUSTR Tier 4 RA for American Electric Power.
- Completed Environmental Assessment for NASA - Lewis Rocket Engine Test Facility.
- Completed dozens of Federal/State air, water, and hazardous waste permits (e.g., PTI, PTO, FESOP and NPDES) for dozens of industrial clients.
- Developed Spill Prevention, Controls and Countermeasures (SPCC) Plan template according to 40 CFR 112. Developed SPCC template, which has been audited and accepted by Ohio EPA. Prepared site-specific SPCC's for clients such as L.J. Minor (Cleveland), Mickley Oil Company, Doersam LLC, Federal Express Corporation (Blue Ash), and Central Ohio Asphalt.
- Prepared hazardous waste evaluation for the NASA–Merritt Island Environmental Impact Assessment of Space Shuttle SRB refurbishing facility in a wildlife area.
- Developed a portion of the database used in preparing the original Resource Conservation and Recovery Act (RCRA).
- Developed BUSTR Residential and Commercial Risk Assessment (RA) Models.

## **Other Experience**

- Responsible for all intellectual property (e.g., patents) and commercialization of residential, commercial, vehicle, and fuel cell technology for Columbia Gas System and their development partners.
- Served on 11 Industry Advisory Bodies [Gas Research Institute (GRI), American Gas Association (AGA), U.S. Department of Energy Funding Initiative - \$2 billion (USDOE-FI), and Gas Utilization Research Forum (GURF)].
- Served as U.S. DOE expert reviewer on cooling, heat pump, desiccant, and power generation proposals.
- Served on U.S. DOE expert review panel for desiccant program area.
- Prepared business acquisition due diligence for Columbia Gas System corporate staff (e.g. micro-turbines).
- Provided technical and business due diligence for three venture capital firms on a dozen emerging markets.



Mr. Stephen E. Petty, P.E., C.I.H., C.S.P

- Authored budget recommendations for DOE Funding Initiative in Power Generation, Cooling, and NGV areas based on industry consensus meetings.
- Served/Serving on ANSI and ASHRAE Standards Working Groups (Z21.40 and SPC 40).
- Provided keynote presentations on Energy Deregulation for four major utilities and several industry groups.
- Completed nationally recognized market research on U.S. cooling, refrigeration, and controls markets.

### **Certifications, Registrations, and Honors**

Registered Professional Engineer, State of Florida #76583, State of Kentucky #24116, State of Ohio #49063, State of Pennsylvania #PE-053899-E, State of Texas #101855 (also listed windstorm inspector), and State of West Virginia #16311

Certified Industrial Hygienist, 8067 CP, November 2000.

Certified Safety Professional, 23563, November 2012

Asbestos Hazard Evaluation Specialist – State of Ohio #ES34643

Certified Residential Mold Inspector – (IESO) - 2004

ASHRAE Certificate of Appreciation, May 2002, ASHRAE Standard 40.

ASHRAE Fundamentals of HVAC Systems – 35 CEUs (Feb. to April 2008).

AIHA CIH Refresher (Univ. of Michigan) – 40-hr. class - 1998

Certificate of Accomplishment in Risk Assessment from The Ohio State University School of Public Health – 120-hr. class – 1997

Certificate of Achievement – Ohio Department of Transportation 80-hr. class – Managing in the Environmental Process – 1997

Roof Consulting Institute (RCI) Courses:

- Advanced Thermal & Moisture Control (5/14/2008)
- Professional Roof Consulting (5/15-16/2008)
- Roof Technology & Science I (9/15-16/2009)
- Roof Technology & Science II (9/17-18/2009)

Undergraduate Scholarships from the Pulp and Paper Foundation Scholarship Fund for Freshman, Sophomore, and Junior Years.

Certificate of High Scholarship – Department of Chemical Engineering – University of Washington – Jr. Year - 1978.

Undergraduate Scholarship from Department of Chemical Engineering, Senior Year.

Undergraduate B.S. Ch.E. – Cum Laude.

Graduate School - M. S. Ch. E. – 2<sup>nd</sup> in Class

Raymond Roesch Award, University of Dayton, (awarded annually to top MBA graduate); graduated first in MBA class with 4.0 GPA – 1988.

Mr. Stephen E. Petty, P.E., C.I.H., C.S.P

## **Memberships**

Member, American Industrial Hygiene Association (AIHA)  
Member, American Conference of Governmental Industrial Hygienists (ACGIH)  
Member, American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE). Voting Member TC 8.3.  
Member, American Institute of Chemical Engineers (AIChE)  
Member, Indoor Environmental Standards Organization (IESO)  
Member, Roof Consulting Institute (RCI)  
Member, Society of Automotive Engineers (SAE)  
Member, Sigma Xi

## **U.S. Patents**

U.S. 6,649,062. November 18, 2003. Fluid-Membrane Separation. Petty.  
U.S. 6,109,339. August 29, 2000. Heating System. Talbert, Ball, Yates, Petty, and Grimes.  
U.S. 5,769,033. June 23, 1998. Hot Water Storage. Petty and Jones.  
U.S. 5,636,527. June 10, 1997. Enhanced Fluid-Liquid Contact. Christensen and Petty.  
U.S. 5,546,760. August 20, 1996. Generator Package for Absorption Heat Pumps. Cook, Petty, Meacham, Christensen, and McGahey.  
U.S. 5,533,362. July 9, 1996. Heat Transfer Apparatus for Heat Pumps. Cook, Petty, Meacham, Christensen, and McGahey.  
U.S. 5,339,654. August 23, 1994. Heat Transfer Apparatus for Heat Pumps. Cook, Petty, Meacham, Christensen, and McGahey.  
U.S. 5,067,330. November 26, 1991. Heat Transfer Apparatus for Heat Pumps. Cook, Petty, Meacham, Christensen, and McGahey.  
U.S. 4,972,679. November 27, 1990. Absorption Refrigeration and Heat Pump System with Defrost. Petty and Cook.

## **Books**

Forensic Engineering: Damage Assessments for Residential and Commercial Structures, January 4, 2013, CRC Press, 804 pp.

## Publications

Stephen E. Petty, 2020, *Visible dust and asbestos: what does it suggest regarding asbestos exposures?* Journal of Scientific Practice and Integrity. 2(1). DOI: 10.35122/001c.14496, August.

Stephen E. Petty, Mark Nicas, Anthony A. Boiarski, 2011. *A quantitative Method for Estimating Dermal Benzene Absorption from Benzene-containing Hydrocarbon Liquids*, Int. J Occup Environ Health, Vol. 17/No. 4, Oct./Dec. 2011, pgs. 287-300.

Stephen E. Petty, PE, CIH, Mark Petty, Tim Kasberg, 2009. *Evaluation of Hail-Strike Damage to Asphalt Shingles Based on Hailstone Size, Roof Pitch, Direction of Incoming Storm, and Facing Roof Elevation*, Interface, The Journal of RCI; May/June, Vol. XXVII, No. 5, pgs. 4-10.

Peter F. Infante, MPH, DRPH, Stephen E. Petty, PE, CIH, D. H. Groth, G. Markowitz, D. Rosner, 2009. *Vinyl Chloride Propellant in Hair Spray and Angiosarcoma of the Liver among Hairdressers and Barbers: Case Reports*, Int. J Occup Environ Health; 15:36-42.

Petty, S.E., Ball, D., Nation, J. and S. Talbert, 1997. *A New, Integrated Compact Combo System for Multi-Family Residences*, Proceedings of the 48<sup>th</sup> Conference Papers Available from the 48th International Appliance Technical Conference (IATC), May 12 - 14, 1997, Ohio State University – Fawcett Center, Columbus, OH.

Petty, S.E., 1997. *Mack's LNG Truck Ready to Move into Refuse Collection Market*, NGV Tech Update, Gas Research Institute, Spring Edition, pgs. 1 and 3.

Petty, S., 1983. *Combustion of Crude Oil on Water*, Fire Safety Journal, Vol. 5, pgs. 123-134.

Petty, S., B.A. Garrett-Price and G.L. McKown, 1983. *Preliminary Assessment of the Use of Heat Transfer Fluids for Solar Thermal Energy Systems*, EPA-600/S7-83-021, U.S. Environmental Protection Agency, April.

English, C.J., S.E. Petty and D.S. Sclarew, 1983. *Treatment of Biomass Gasification Wastewaters Using a Combined Wet Air Oxidation/Activated Sludge Process*, PNL-4593, Contract DE-AC06-76RLO-1830, U.S. Department of Energy, February.

Petty, S.E., W. Wakamiya, C.J. English, J.A. Strand and D.D. Mahlum, 1982. *Assessment of Synfuel Spill Cleanup Options*, PNL-4244, UC-11,90i,91, Contract DE-AC06-76RLO 1830, U.S. Department of Energy, April.

Wakamiya, W., Petty, S.E., Boiarski, A., Putnam, A., 1982. *Combustion of Oil on Water: An Experimental Program*, U. S. Department of Energy, DOE/NBM/1002, Contract # AC06-76RLO 1830, February.

Petty, S., B.A. Garrett-Price and G.L. McKown, 1982. *Preliminary Assessment of the Use of Heat Transfer Fluids for Solar Thermal Energy Systems*, PNL-4182, IAG No. AD-89-F-1-623-0, U.S. Environmental Protection Agency, January.

Petty, S.E., N.E. Bell and C.J. English, Jr., 1981. *Treatment of Biomass Gasification Wastewaters Using Wet Air Oxidation, Solvent Extraction and Reverse Osmosis*, PNL

Mr. Stephen E. Petty, P.E., C.I.H., C.S.P

SA-10093, Proceedings of the 13<sup>th</sup> Biomass Thermochemical Conversion Contractor's Meeting, Arlington, VA, October 27-29, pgs. 718-747.

Petty, S.E., N.E. Bell and C.J. English, Jr., 1981. *Treatment of Biomass Gasification Wastewaters Using Wet Air Oxidation, Solvent Extraction and Reverse Osmosis*, Contract DE-AC06-76RLO-1830, U.S. Department of Energy, October.

Petty, S.E., S.D. Eliason and M.M. Laegreid, 1981. *Treatment of Biomass Gasification Wastewaters Using Reverse Osmosis*, PNL-4018, Contract DE-AC06-76RLO-1830, U.S. Department of Energy, September.

Mercer, B.W., W. Wakamiya, S.E. Petty, J.A. Strand and D.D. Mahlum, 1981. *Assessment of Synfuel Spill Cleanup Options*, PNL-SA-9806 – Proceedings of DOE Workshop on Processing, Needs, and Methodology for Wastewater from the Conversion of Coal, Oil Shale and Biomass to Synfuels, Richland, WA.

Eakin, D.E., J.M. Donovan, G.R. Cysewski, S.E. Petty and J.V. Maxham, 1981. *Preliminary Evaluation of Alternative Ethanol/Water Separation Processes*, PNL-3823, UC-98d, Contract DE-AC06-76RLO-1830, U.S. Department of Energy, May.

Zima, G.E., G.H. Lyon, P.G. Doctor, G.R. Hoenes, S.E. Petty and S.A. Weakley, 1981. *Some Aspects of Cost/Benefit Analysis for In-Service Inspection of PWR Steam Generators*, NUREG/CR-1490, PNL-3388, U.S. Nuclear Regulatory Commission, May.

Petty, S.E., 1981. *Potential Synthetic Fuel Spill Sources and Volumes to the Year 2000*, Contract DE-AC06-76RLO 1830, U.S. Department of Energy, March.

Petty, S.E. and W. Wakamiya, 1981. *Projections on Synfuels Production to the Year 2000*, Contract DE-AC06-76RLO 1830, U.S. Department of Energy, January

Petty, S.E., and J.V. Maxham, 1981. *Ethanol-Water Separation Using a Corn as a Dehydration Agent*, Contract DE-AC06-76RLO 1830, U.S. Department of Energy, January.

J.V. Maxham and S.E. Petty, 1980. *Dehydration of Alcohol/Water Solutions with Solid Dehydration Agents to Produce Alcohol for Gasohol*, Contract DE-AC06-76RLO 1830, U.S. Department of Energy, September.

Petty, S.E., and J.V. Maxham, 1980. *Ethanol-Water Separation Using a Reverse Osmosis Process*, PNL-3579, Contract DE-AC06-76RLO 1830, U.S. Department of Energy, September.

English, C.J., S. E. Petty and G.W. Dawson. 1980. *Identification of Hazardous Waste Disposal Sites and Management Practices in Region 10*. Contract WA-79-A375, U.S. Environmental Protection Agency, February.

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Mr. Stephen E. Petty, P.E., C.I.H., C.S.P

**SUMMARY OF PRESENTATIONS**

**By**  
**Stephen Petty**

<b>DATE</b>	<b>LOCATION</b>	<b>AUDIENCE</b>	<b>TOPIC</b>	<b>DURATION (Hrs)</b>
April 1, 1999	Bureau of Underground Storage Tank Regulators (BUSTR) Reynoldsburg, OH	BUSTR Chief and State Coordinators, Training Session	BUSTR RISK ASSESSMENT TRAINING Introductory Session	8 hours
April 22, 1999	Bureau of Underground Storage Tank Regulators (BUSTR) Reynoldsburg, OH	BUSTR Chief and State Coordinators, Training Session	BUSTR RISK ASSESSMENT TRAINING Second Session	8 hours
May 6, 1999	Bureau of Underground Storage Tank Regulators (BUSTR) Reynoldsburg, OH	BUSTR Chief and State Coordinators, Training Session	BUSTR RISK ASSESSMENT TRAINING Third Session	8 hours
May 27, 1999	Bureau of Underground Storage Tank Regulators (BUSTR) Reynoldsburg, OH	BUSTR Chief and State Coordinators, Training Session	BUSTR RISK ASSESSMENT TRAINING Fourth Session	8 hours
June 4, 1999	Bureau of Underground Storage Tank Regulators (BUSTR) Reynoldsburg, OH	BUSTR Chief and State Coordinators, Training Session	BUSTR RISK ASSESSMENT TRAINING Fifth Session	8 hours
May 23, 2000	Bureau of Underground Storage Tank Regulators (BUSTR) Reynoldsburg, OH	BUSTR Chief and State Coordinators, Training Session	Factors Influencing Tier 1 and Tier 2 Evaluations Training Session for New Rules	8 hours
January 18, 2001	Engineer's Club, Dayton, OH	ASHRAE, Dayton Chapter, Dinner Speaker	Energy and Cost Benefit Analyses of Heating, Ventilation and Air Conditioning Systems Available for Ohio Schools	2 hours



Mr. Stephen E. Petty, P.E., C.I.H., C.S.P

DATE	LOCATION	AUDIENCE	TOPIC	DURATION (Hrs)
January 25, 2001	Riffe Tower, Columbus, OH	Ohio School Facilities Commission, Ohio Department of Development, State School A/Es	Energy and Cost Benefit Analyses of Heating, Ventilation and Air Conditioning Systems Available for Ohio Schools	7 hours
March 13, 2001	Ashland Chemical, Columbus, OH	PDMA – Columbus Chapter, Breakfast Speaker	The Product Development Process - Case Studies	1 hour
July 30, 2001	Toledo, OH	City of Toledo, Environmental Director and Staff	Status of BUSTR's New Rule, March 31, 1999	2 hours
September 21, 2001	Lexington, KY	ASHRAE Region VII & Bluegrass Chapter, Invited Luncheon Speaker	Energy and Cost Benefit Analyses of Heating, Ventilation and Air Conditioning Systems Available for Ohio Schools	1.5 hour
November 13, 2001	Wadsworth, OH	ASHRAE Akron Chapter, Dinner Speaker	Energy and Cost Benefit Analyses of Heating, Ventilation and Air Conditioning Systems Available for Ohio Schools	2 hours
February 12, 2002	Cincinnati, OH	ASHRAE Cincinnati Chapter, Lunch Speaker	Evaluation of Heating, Ventilation and Air Conditioning Systems (HVAC) Systems Available for Ohio Schools	1.5 hours
July 2002	Cleveland, OH	AIHA Luncheon Speaker	IAQ Cost – Benefit Analyses For Heating, Ventilation and Air Conditioning Systems (HVAC) Systems Available for Ohio Schools	1.5 hours
September 24, 2002	Columbus, OH	Ohio Builds 2002	Evaluation of HVAC Systems Contained in the OSFC Design Manual	1.5 hours
February 5, 2003	Toledo, OH	ASHRAE Toledo Chapter, Dinner Speaker	Energy and Cost Benefit Analyses of Heating, Ventilation and Air Conditioning Systems Available for Ohio Schools	2 hours
May 9, 2004	Atlanta, GA	American Industrial Hygiene Conference and Expo (AIHce), Professional Development Course #418	Mold Contamination: A Hands-On Workshop Addressing Inspection, Remediation Specifications, Project Oversight and Post-Remediation Assessment	8 hours
September 14, 2004	Gahanna, OH	Gahanna Board of Realtors Luncheon Speaker	Mold – After the Contract	1 hour

Mr. Stephen E. Petty, P.E., C.I.H., C.S.P

DATE	LOCATION	AUDIENCE	TOPIC	DURATION (Hrs)
November 4, 2004	Cincinnati, OH	Cincinnati Bar Association Luncheon Speaker	Mold – Facts/Fiction/Who Knows?	2 hours
November 17, 2004	Columbus, OH	Ohio Public Facility Maintenance Association (OPFMA) Annual Meeting	Impact of Temperature on Occupants: Theory vs. Reality	1.5 hours
October 17, 2005	Phoenix, AZ	LexisNexis Benzene Litigation Conference	How Low Can You Go? Measuring Exposure to Benzene	1 hour
April 21, 2006	Cleveland, OH	National Business Institute Proving Damages Caused by Mold Infestation in Ohio	Make a Mold Claim and Litigate the Case	2 hours
November 9, 2006	Columbus, OH	Bricker & Eckler Building Industry	Avoiding and Handling Mold Claims	1 hour
June 3, 2008	New Orleans, LA	Harris-Martin Benzene Conference	Historic Levels of Benzene in Products	1 hour
August 14, 2009	Columbus, OH	State Auto Insurance Company	Assessment of Hail and Wind Damage	3 hours
December 4, 2009	Akron, OH	Nationwide Insurance Company	Presentation and Seminar on Log Cabin Construction, Maintenance & Reparability	2 hours
March 17, 2010	Westerville, OH	Nationwide Insurance Company	Seminar on Impact of Wind & Hail Damage to Building Materials	1 hour
May 9, 2012	Dublin, OH	Grange Insurance Company	Lightning Damage Assessments	3 hours
June 18, 2013	Delaware, OH	Nationwide Insurance Company	Forensic Analysis of Fire Damage to Foundation Walls	3 hours

Mr. Stephen E. Petty, P.E., C.I.H., C.S.P

**SUMMARY OF CLASSES TAUGHT AT FRANKLIN UNIVERSITY**

**By**  
**Stephen Petty**

<b>Class Title</b>	<b>Description</b>	<b>Term</b>	<b>Dates</b>	<b># Students</b>	<b>Comments</b>
SCIE131 Q1WW	Environmental Science 131	Winter 2003	1/3/03 to 4/24/03	17	Online class
SCIE131 E1FF	Environmental Science 131	Summer 2003	5/21/03 to 6/25/03	13	In-Class
SCIE114 F2FF	Earth Science 114	Fall 2003	9/29/03 to 11/3/03	17	In-Class
SCIE131 H1FF	Environmental Science 131	Fall 2003	11/12/03 to 12/17/03	15	In-Class
SCIE131 Q1WW	Environmental Science 131	Summer 2004	05/17/04 to 08/07/04	14	Online class
SCIE131 H1FF	Environmental Science 131	Fall 2004	11/10/04 to 12/15/04	19	In-Class
SCIE 131 H1FF	Environmental Science 131	Fall 2005	11/9/05 to 12/14/05	19	In-Class
SCIE 131 H1FF	Environmental Science 131	Spring 2006	3/27/06 to 5/1/06	?	In-Class

SCIE 114 – 4 Semester Credit Hours

SCIE 131 – 4 Semester Credit Hours

# EXHIBIT B

**SUMMARY OF EXPERT WITNESS CASES – STEPHEN PETTY**

<b>ATTORNEY/LAW FIRM</b>	<b>CASE (Plaintiff(s) and Defendant(s) &amp; Role</b>	<b>SUBJECT</b>	<b>DECISION</b>	<b>Project #/Case #</b>	<b>TIMEFRAME</b>
Mr. Luther L. Liggett Jr. Bricker & Eckler, L.L.P. 100 S. Third Street Columbus, OH 43215	Construction Corporation vs. Roth Produce (Supported Plaintiff). Testified at hearing in Franklin County, OH.	Refrigerated Warehouse (Design Purpose – HVAC)  Testified at Mediation Hearing	Settled in Arbitration	- / -	2001
Mr. Michael P. Giertz Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Sandra D. Howell and Estate of Mr. Howell Defendant(s): Nalco, Bayer and David Hackathorn (Bayer's Director of Health) In the Circuit Court of Marshall County, West Virginia (Supported Plaintiffs)	Legionella Exposure at Chemical Plant  Deposed by Defendant(s) 2003	Negotiated Settlement	EES-2002-002  Case No. 00-C-234M	2002
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Donna E. Gwinn, Individually and Executrix of the Estate of William B. Gwinn Defendant(s): Chemical Leaman Tank Lines (CLTL), a Delaware Corporation, Quality Distribution, Inc., d/b/a Quality Carrier, Successor-in-Interest to Chemical Leaman Tank Lines, Inc., a Florida Corporation, and Okey Edens. In the Circuit Court of Marshall County, West Virginia. (Supported Plaintiffs).	Benzene Exposure at Tanker Truck Cleaning Facility  Deposed on 3/21/2003	Negotiated Settlement	EES-2002-040  Case No. 02-C-120M	2002-2003
Mr. Guy Bucci Attorney at Law Bucci, Bailey & Javins P. O. Box 3712 Charleston, West Virginia 25337	Plaintiff(s): William Shaffer and Rosa Shaffer, husband and wife. Defendant(s): Monongahela Power Company d/b/a Allegheny Power as an Ohio Corporation In the Circuit Court of Pleasants County, West Virginia (Supported Plaintiff)	Legionella Exposure at Power Plant Settled 04/2004	Negotiated Settlement	EES-2002-01  Cause No.: 00 -C-28	2001 - 2004
Mr. James M. Barber Attorney at Law 604 Virginia Street, East Suite 200 Charleston, WV 25301	Plaintiff(s): Daniel O. Dixon Defendant(s): A C & S, Inc. (Supported Plaintiff)	Acid Gas Exposure at Chemical Plant Settled 05/2004	Negotiated Settlement	EES-2003-005  Cause No.: 02-C-1995	2003 - 2004
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Michael A. Lebron, Pamela Lebron Defendant(s): Shell Oil Company; Amoco Oil Company; Union Oil Company of California; Radiator Specialty Company; PPG Industries, Inc.; E.I. Du Pont de Nemours & Company and Bondo Corporation. (Supported Plaintiffs)	Benzene Exposure from Paint and Service Station Operations  Deposed by Defendant(s) on 11/21/03	Negotiated Settlement 03/2009	EES-2002-052  Cause No.: 01L10021	2002-2009



ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Mr. Brian Bradigan Attorney At Law Brian J. Bradigan, L.L.C. 3948 Townsfair Way Suite 230 Columbus, OH 43219	Plaintiff(s): Jeffrey and Theresa Vaughn (Homeowners) Defendant(s): Timberline Log Homes (Grange Insurance – Builder's Insurance) (Supported Defendant)	Mold and Water Leaks in Log Home Due to Poor Construction	Negotiated Settlement	EES-2003-019 -	2003
Ms. Joanne Peters Attorney At Law Isaac, Brant, Ledman & Teetor LLP 250 E. Broad St. Suite 900 Columbus, OH 43215-3742	Plaintiff(s): Fisher (Homeowners) Defendant(s): Muth and Company – Roofing Company (Supported Defendant)	Mold and Water Leaks in Home Due to Roof Installation	Negotiated Settlement	- / -	2003
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Timothy J. Farley Defendant(s): Keystone Shipping Company, Margate Shipping Company and Chilbar Shipping Company Shipping Company Court of Common Pleas Philadelphia County, PA Civil Action - Law (Supported Plaintiff)	Benzene and other Chemical Exposures from Working on Tankers	Negotiated Settlement 8/09/2004	EES-2003-180  Cause No.: 0957	2003-2004
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): David Ball Defendant(s): BASF, Corp., Ford Motor Company, 3M Company, Petroleum Traders Company, Myers Industries, Inc., d/b/a Patch Rubber Co., Radiator Specialty Company, Loctite Corporation, and Lykins Oil Company Court of Common Pleas Cuyahoga, Ohio (Supported Plaintiff)	Benzene and other Chemical Exposures Focus on Labeling and MSDS sheets	Negotiated Settlement 12/2005	EES-2003-217  Cause No.: CV-02-473352	2003-2005
Voltolini & Voltolini Attorneys at Law 1350 West Fifth Ave. Suite 214 Columbus, OH 43212	Plaintiff: Janis Weekly Defendant(s): Terminix Pre-Lawsuit (Supported Plaintiff)	Durisban - Chlorpyrifos (Pesticide) Exposure Completed detailed inspection and research.	Completed	EES-2003-352  Cause No: 94-018	2003-2004
Harvit & Schwartz, L.C. 2018 Kanawha Blvd., E. Charleston, WV 25311	Plaintiff: Robert H. Casdorph, Jr and Melba Casdorph, his wife Defendant(s): West Virginia State Police, an agency of the State of West Virginia, and Castle Products, Inc., a New York Corporation. In the Circuit Court of Marshall County, West Virginia (Supported Plaintiff)	CML-Chronic Myelogenous Leukemia	Negotiated Settlement 11/2011	EES-2003-329  Cause No.: 03-C-109M  Worker's Comp. Decision Appealed to WV Supreme Ct. – Decision in	2003-2011

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
				Favor of Plaintiff on 11/9/2019	
Dinsmore & Shohl, LLP 255 E. Fifth Street, Suite 1900 Cincinnati, OH 45202	Plaintiff: Doug Kinslow Defendant(s): M.E.B. Two (Supported Defendant)	Mold Contamination Inspection, mold testing and detailed findings report	Negotiated Settlement	EES-2003-353  Cause No.: 3780-88	2003-2004
Mr. Scott Sheets Attorney At Law Isaac, Brant, Ledman & Teetor LLP 250 E. Broad St., Suite 900 Columbus, OH 43215-3742	Plaintiff: Stanger (Homeowners) Defendant(s): Davis Fine Homes – Homebuilder  (Supported Plaintiff)	Mold and Water Inspection, Testing, and Support	Negotiated Settlement	EES-2003-366	2003
Mr. J. Andrew Crawford Reese, Pyle, Drake & Meyer, P.L.L. 36 N. Second Street P.O. Box 919 Newark, OH 43058-0919	Plaintiff: Murray Headlee et al. Defendant(s): Truberry Group, Inc. et al. (Homebuilder) Delaware, OH County Court of Common Pleas (Supported Defendant)	Mold and Water Leaks in Home; Prepared outline of opinions.	Negotiated Settlement on/about 03/08/2004	EES-2003-405  Cause No.: 03 CVH 01007	2003 - 2004
Mr. J. Zackary Zatezalo Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff: Mr. James V. Dollhopf and Kristin L. Dollhopf Defendant(s): PPG Industries, Sherwin-Williams Company, Ashland, Inc., CIBA Specialty Chemicals, Chem-Pak Solutions, General Fiberglass Supply, Inc., Meguiar's Products, Sunnyside Corporation, Milwaukee Paint, Inc. State of Wisconsin Circuit Court Milwaukee County (Supported Plaintiff)	Benzene and other Chemical Exposures from Painting Operations	Negotiated Settlement	EES-2003-407  Cause No.: 03-CV-4832	2003-2004
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff: Shelly Gray, Individually and as Plaintiff Ad Litem for Sherri Bond, deceased. Defendant(s): BP Corporation North America Inc. and BP Products North America Inc. et.al – Former American Oil Company (AMOCO) Site Circuit Court of Jackson County, Missouri, at Independence. (Supported Plaintiff)	Benzene and other Chemical Exposures from Underground Piping and Tank Leaks	Negotiated Settlement 03/16/2006	EES-2003-415  Case No.: 02-CV-229538	2003-2006
Mr. J. Michael Prascik Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600, Wheeling, WV 26003	Plaintiff: Mr. Barry Hovis and Lesa Hovis, his wife. Defendant(s): Carboline Company, Rust-Oleum Corporation, E.I. Dupont De Nemours and Company, Valspar Coatings, One Shot, LLC, PPG Industries, Inc., Sherwin-Williams, . In the Circuit Court of Common Pleas in York County, South Carolina. (Supported Plaintiff)	Exposure to Paint	Negotiated Settlement 10/2004	EES-2004-049  Cause No.: 2003-CP-46- 165	2004
Mr. J. Michael Prascik Hartley & O'Brien, P.L.L.C. The Wagner Building	Plaintiff: Lucinda Cutlip Defendant(s): West Virginia Department of Transportation, Division of Highways, and Guttman Oil Company, a foreign	Exposure to Diesel Exhaust	Testified in Trial 1/10/06	EES-2004-066	2004-2006

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
2001 Main Street, Suite 600, Wheeling, WV 26003	corporation In the Circuit Court of Kanawha County West Virginia (Supported Plaintiff)	Deposed by Defendant(s) on 08/11/2005 and 09/21/2005	Decision in Favor of Defendant	Cause No.: 02-C-2345	
Mr. Kris Cormany Attorney at Law Bucci, Bailey & Javins P. O. Box 3712 Charleston, West Virginia 25337	Plaintiff: Erby E. Lester and Donna Lester, his wife Defendant(s): Elk Run Coal Company, Inc. a West Virginia Corporation d/b/a Black Castle Mining Company, Spartan Mining Company, a West Virginia Corporation and d/b/a Trace Transport Company. In the Circuit Court of Boone County West Virginia. (Supported Plaintiff)	Exposure to Combustion Products From Fire in Maintenance Building  Deposed by Defendant on 03/01/2006	Negotiated Settlement 05/10/2006	LAW-2004-009  Cause No.: 04-C-231	2004 - 2006
Mr. Guy R. Bucci Bucci Bailey & Javins Suite 910 Bank One Center, 707 Virginia Street, East, Charleston, WV 25301	Plaintiff: Linda Kitzmiller Defendant(s): Jefferson Supply Co. United States District Court For the Northern District of West Virginia, Elkins Division (Supported Plaintiff)	Exposure to Chemicals  Deposed by Defendant(s) 06/06/2006  Daubert Hearing 10/30/2006 – Motion Denied	Negotiated Settlement 11/05/2007	LAW-2004-010  Cause No.: 2:05-CV-22	2004 - 2007
Mr. Chris Wilson Wilson, Frame, Benninger & Metheney, P.L.L.C.	Plaintiff: Paula J. Ondo Defendant(s): TBD (Supported Plaintiff)	Mold and HVAC	Completed Report Submitted	EES-2004-134	2004
Mr. J. Michael Prascik Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff: Mr. Douglas Bates Defendant(s): The Dow Chemical Company et al. (Supported Plaintiff)	Chemical Exposure - Various products in garage	Closed	EES-2004-137  Cause No.: 3:03CV519BN	2005-2009
Mr. J. Michael Prascik Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600, Wheeling, WV 26003	Plaintiff: Deborah Trojan Defendant(s): Peoples Gas Light & Coke Co. (Supported Plaintiff)	Benzene Exposure From Former Manufactured Gas Plant Site  Deposed by Defendant 11/12/2004	Negotiated Settlement 12/2004	EES-2004-135  Cause No.: 01 L 16472	2004

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Charles Cooper Charles Cooper Law Offices 407 Center Street Ironton, OH 45638	Plaintiff: Mr. and Mrs. Shelton Defendant(s): Mr. and Mrs. LeMaster (Supported Plaintiff) In response to Grange Claim #: HP91871 (Supported Defendant)	Mold and Water Damage	Closed	LAW-2004-004	2004-2005
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff: Mr. Robert Scherer Defendant(s): S & S Automotive, Inc. et al. (Supported Plaintiff)	Benzene Exposure Deposed by Defendant(s) 11/11/2004	Negotiated Settlement 11/2005	LAW-2004-001  Cause No.: 02 L 435	2004-2005
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff: Mr. Earl Douglas Defendant(s): Ashland, Inc. et al. (Supported Plaintiff)	Benzene Exposure  Deposed by Defendant(s) 03/29/2005  Daubert Hearing 01/13/2006 – Motion Denied	Negotiated Settlement 04/2008	LAW-2004-002  Cause No.: 01/CE-00392	2004-2008
Mr. Guy R. Bucci Bucci Bailey & Javins Suite 910 Bank One Center, 707 Virginia Street, East, Charleston, WV 25301	Plaintiff: Brummage et al. Defendant(s): Thrasher et al. (Supported Plaintiff)	Mold and Bacteria Exposures/Sewage System Failure (Two expert reports written late 2004 and early 2005).	Negotiated Settlement 09/2005	LAW-2004-003	2004-2005
Mr. William M. Owens Owens & Manning 413 Main Street, 2 <sup>nd</sup> Floor Coshocton, OH 43812	Plaintiff: Ms. Delaine Freeman Defendant(s): Randy Stotts et al. (Supported Plaintiff)	Mold Determination	Negotiated Settlement 10/2004	LAW-2004-005  Cause No.: 02 CI 588	2004
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff: Mr. Terry Defendant(s): Go-Mart Inc. et al. (Supported Plaintiff)	Benzene Exposure  Deposed by Defendant(s) 8/20/2009	Negotiated Settlement 9/2010	LAW-2004-006	2004-2010
Mr. David J. Romano Romano Law Office 363 Washington Avenue Clarksburg, WV 26301	Plaintiff: Cathy A. Arnett Representative of John P. Arnett (Deceased) Defendant(s): The Marmon Corporation et al. (Supported Plaintiff)	Hazardous Chemical Exposure – Cleaners with Sodium Hydroxide	Negotiated Settlement 02/14/2005	LAW-2004-007  Cause No.: 03-C-570-2	2004 - 2005

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Mr. Stephen Brown Mundy & Nelson, L.L.C. P.O. Box 2986 Huntington, WV 25728	Plaintiffs: TBD – Citizens of Huntington Defendant: TechSol (Supported Plaintiff)	Hazardous Chemical Exposure – Coal Tar Containing Benzene – Sampled Creek and Homes for VOCs	Negotiated Settlement 11/2006	LAW-2004-011	2004 - 2005
Mr. Paul Eklund Davis & Young 1700 Midland Building 101 Prospect Avenue West Cleveland, OH 44115-1027	Plaintiffs: Enrico M. Clark and Cynthia Clark Defendant(s): Alchem Corporation and B. George Bufkin (Supported Defendant)	Hazardous Chemical Exposure – Methanol and Acid Gases	Negotiated Settlement 07/2006	LAW-2004-014  Cause No.: 528128	2004 - 2006
Mr. Brian Bradigan Attorney At Law Brian J. Bradigan, L.L.C. 3948 Townsfair Way, Suite 230 Columbus, OH 43219	Plaintiffs: Wanner Searls (Homeowner) Defendant(s): Grange Mutual Casualty Company Franklin County Ohio Court of Common Pleas (Supported Defendant)	Hail Damage to Home	Testified in Trial 04/18/2005 Decision in Favor of Defendant(s) 05/31/2005	EES-2004-094	2004 - 2005
Mr. Lon Walters Partner The Walters Law Firm The Oldham Building 105 East 5th Street Suite 401 Kansas City, MO 64106	Plaintiff: Estate of Nancy Ryan Defendant(s): BP Corporation, American Oil Company, et al. Circuit Court of Jackson County, Independence, MO (Supported Plaintiff)	Benzene/Chemical Exposures from Underground Piping and Tank Leaks and Vapor Emissions	Testified in Trial 08/24-25/2005  Jury Ruled in Favor of Plaintiff(s) – 09/14/2005	LAW-2004-012  Cause No.: 04CV223271	2004 - 2005
Mr. John Davis Gallagher, Sharp, Fulton & Norman 1501 Euclid Avenue, Seventh Floor Cleveland, OH 44115 Mr. Charles Williams 555 South Front Street, Suite 320 Columbus, OH 43215	Plaintiff: Hidden Lakes Condominium Association Defendant: Acuity Insurance Company  (Umpire – Supported Defendant)	Hail Damage Appraisal Umpire Claim #: KL3009  Umpired Decision and Report Issued 04/2005	Completed	EES-2005-020-S	2005
Mr. Nicholas Subashi Subashi, Wildermuth & Ballato The Oakwood Building 2305 Far Hills Avenue Dayton, OH 45419 Mr. Randall Saunders Nationwide Insurance Company 620 Morrison Road Gahanna, OH 43230	Plaintiff: James Wilson et al. Defendant: STO Corp., Jack H. Wieland Builders, Dayco-James, Inc. et al.  (Supported Defendant – Roofing Contractor)	Construction Defect Claims Claim #: 92 34 AC 324909 03011997 51  Provided Inspection, Analysis and 3 reports on liability of roofing contractor.	Completed  Negotiated Settlement 06/30/2005	EES-2005-050-S  Cause No.: 03 CV 61596	2005

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Mr. James M. Barber Attorney at Law 604 Virginia Street, East Suite 200 Charleston, WV 25301	Plaintiff: Lola Hudson Defendant: Arbors Management and Rock Branch Mechanical (Supported Plaintiff)	Legionella Exposure  Deposed 12/13/2005	Closed	Law-2005-001	2005 - 2006
Mr. J. Zachary Zatezalo Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff: Little Defendant: American Electric Power (Supported Plaintiff)	Solvent Exposure  Deposed by Defendant 03/25/2011	Negotiated Settlement 2011	LAW-2005-002  Cause No.: 03-C-256M	2005-2011
Mr. Guy R. Bucci Bucci Bailey & Javins Suite 910 Bank One Center, 707 Virginia Street, East, Charleston, WV 25301	Plaintiff: Mr. Daniel A. Wilson and Mrs. Joyce L. Wilson Defendant: Mr. Raymond Johnson d/b/a Ray's Auto Center (Supported Plaintiff)	Hazardous Chemicals Exposure	Closed	LAW-2005-006 Cause No.: 04- C-232	2005-2007
Mr. Michael P. Giertz Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff: Janice Weekley Defendant: Terminix International Company (Supported Plaintiff)	Property Contamination from Termidicides (Pesticides)  Deposed by Defendant 09/09/2005	Negotiated Settlement 11/2005	LAW-2005-007  Cause No.: 52-181-00697- 04	2005
Mr. Bradley R. Oldaker Bailey, Stultz, Oldaker & Greene P.O. Drawer 1310 Weston, WV 26452-1310	Plaintiff: Mack O. Crist Defendant: Vicellio & Grogan et al. (Supported Plaintiff)	Silica- Exposure – Highway Construction  Deposed by Defendant 01/17/2006	Negotiated Settlement 05/2006	LAW-2005-008  Cause No.: 04C-64M	2005-2006
Mr. J. Zachary Zatezalo Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff: Jayne Chianelli and estate of Frank Chianelli Defendant(s): Shell Oil Company, Potter Paint Co., Mohawk Finishing Products, Phipps Products Corp., BIX Manufacturing Company, Sherwin Williams Company, Barnett Industries and E.E. Zimmerman (Supported Plaintiff)	Solvent Exposure	Negotiated Settlement 2006	LAW-2005-009  Cause No.: 03 12999/	2005-2006
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff: Denny Morris Defendant: PPG Industries, Inc. (Supported Plaintiff)	Benzene Exposure  Deposed by Defendant 10/12/2005	Closed	LAW-2005-010  Cause No.: 99-C-173M	2005-2009



ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building Suite 600 2001 Main Street, Wheeling, WV 26003	Plaintiff: Thomas H. Ware and Pamela S. Ware, his wife Defendant: Pratt & Whitney Engine Services, Inc. In the Circuit Court of Harrison County, West Virginia (Supported Plaintiff)	Hazardous Chemicals Exposure	Negotiated Settlement 01/2006	LAW-2005-011  Cause No.: 05-C-139-1	2005-2006
Ms. Sandra Spurgeon Spurgeon & Tinker, PSC 120 Prosperous Place, Suite 202 Lexington, KY 40509	Robert A. Tompkins, et al v. Wheeling-Pittsburgh Steel Corporation d/b/a Wheeling Corrugating Company, Inc., et. al v. Terry Roland (Supported Defendant - Insurance Company)	Exposure	Closed	LAW-2005-013	2005-2008
Mr. Louis H. Watson, Jr., P.A. Attorney at Law 520 Capitol Street Jackson, Mississippi 39201-2703	Plaintiff: Fay Lundy and Joel Lundy Defendant: Cilburn Truck Lines, Inc., Conoco, Inc., Individually, a/k/a Conoco Gas and Marketing, a Division of Conoco, Inc., and f/k/a Du Pont Holdings, Inc; ConcoPhillips Company; "John Doe" Defendant(s) In the United States District Court for the Southern District of Mississippi Jackson Division (Supported Plaintiff)	Exposure to benzene from gasoline  Deposed by Defendant 9/20/2006	Negotiated Settlement	LAW-2005-014 2005-16  Case No. 2005- 16	2005-2007
Mr. Michael P. Giertz Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff: Pauline Poling Defendant: Grafton Auto Parts Circuit Court of Marshall County, West Virginia (Supported Plaintiff)	Exposure to Benzene Containing Solvents	Negotiated Settlement	LAW-2005-016  Case #: 05-C- 157M	2005-2009
Mr. Thomas E. Schwartz Holloran White & Schwartz LLP 2000 S. 8 <sup>th</sup> Street St. Louis, Missouri 63104	Plaintiff: Jeff Morgan Defendant: National Railroad Passenger Corporation (Supported Plaintiff)	Diesel Exhaust Exposure  Deposed by Defendant 01/31/2006	Negotiated Settlement 04/28/2006	LAW-2005-018  Cause No.: 052-08718	2005-2006
Mr. Richard A. LaVerdiere Sieben Polk LaVerdiere & Dusich 999 Westview Drive Hastings, MN 55033-2495	Plaintiff: Vettrus Defendant: Ashland Chemical et al. Third Judicial District Court, County of Rice, MN (Supported Plaintiff)	Exposure to solvents containing benzene  Deposed by Defendant(s) 03/20/2007	Closed	LAW-2005-019 C5-05-1909	2005-2008
Mr. Kevin George 931 Vauxhill Lane Powell, OH 43065	Plaintiff: Mallory Pools Defendant: Mr. Kevin George Delaware County, Ohio Court of Common Pleas (Supported Defendant)	Pool chemistry and staining on Liner. Testified in Trial (Delaware County Court) 01/19/2006	Decision in favor of Defendant	EES-2006-166	2005-2006
Ms. Denyse Clancy Baron & Budd, P.C. 3102 Oak Lawn Ave., Suite 1100	Plaintiff: Benoit Defendant: Ato Fina et al.	Exposure to benzene and benzene containing solvents in	Closed	LAW-2005-020	2005-2007



ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Dallas, TX 75219	18th Judicial District Court, For the Parish of Iberville, State of Louisiana (Supported Plaintiff)	refineries and chemical plants		Cause No.: 62116, Div. A	
Ms. Denyse Clancy Baron & Budd, P.C. 3102 Oak Lawn Ave., Suite 1100 Dallas, TX 75219	Plaintiffs: Stubbs & Wilkinson (two cases). Ms. Ann Stubbs, representing the estate of Ben L. Stubbs Herbert W. Wilkinson and Peggy S. Hebert Defendant(s): Radiator Specialty Company et al. 128th Judicial District Court, Orange County, TX (Supported Plaintiff)	Exposure to benzene & benzene-containing solvents- refineries, chemical plants  Deposed by Defendant(s) 3/29/06 and 4/25/06	Negotiated Settlement	LAW-2005-021 & BAR-2006-001  Stubbs/Wilkinson - Cause No.:A-030272C	2005-2007
Mr. Thomas E. Schwartz Holloran White & Schwartz LLP 2000 S. 8 <sup>th</sup> Street St. Louis, Missouri 63104	Plaintiff: Ursula Michelle Creaghan and Daniel Aaron Creaghan as surviving children of Steven Francis Creaghan Defendant: Superior Solvents & Chemicals, Inc.; Transchemical Inc., Ashland, Inc., Chemisphere Corp., Reichhold, Inc. Akzo Nobel Coatings, Inc., Brenntag Mid-South, Inc., Eastman Chemical Co., and Shell Oil Company (Supported Plaintiff)	Benzene exposure from paint manufacturing  Deposed by Defendant on 8/29/2006	Negotiated Settlement 9/2006	LAW-2005-022  Cause No.: 042-07417	2005-2007
Mr. Lon Walters The Walters Law Firm The Oldham Building 105 East 5th Street, Suite 401 Kansas City, MO 64106	Plaintiff: Detel Defendant: BP Corporation North America, Inc., and BP Products North America, Inc. Circuit Court of Jackson County, Independence, MO (Supported Plaintiff)	Benzene exposure  Deposed by Defendant on 9/11/2006	Negotiated Settlement 10/18/2006	WAL-06-001 Cause No.: 04CV207637	2005-2006
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff: Richard C. Smith and Vickie Smith Defendant(s): Sal Chemical Company, Inc., Chemical Solvents, Inc., and United States Can Company Circuit Court of Brooke County, WV (Supported Plaintiff)	Organic Chemical Exposure  Deposed by Defendant(s) 02/06/2007	Negotiated Settlement 06/2007	HAR-2006-002  Case No.: 05-C-211 AMR	2006-2007
Ms. Denyse Clancy Baron & Budd, P.C. 3102 Oak Lawn Ave., Suite 1100 Dallas, TX 75219	Plaintiffs: Troy Lucas Defendant(s): Diamond Shamrock, Marathon, U.S. Steel, WD-40, Radiator Specialty, ConocoPhillips and Occidental Chemical 23 <sup>rd</sup> Judicial District Court, Brazoria County, TX (Supported Plaintiff)	Exposure to benzene and benzene containing solvents while working for Diamond Shamrock	Closed	BAR-2006-002  Cause No. 35,311	2006-2007
Ms. Denyse Clancy Baron & Budd, P.C. 3102 Oak Lawn Ave., Suite 1100 Dallas, TX 75219	Plaintiffs: Donna Cashiola, Page Defendant(s): American Petroleum Institute, Inc. et al. 298th Judicial Court, Dallas, TX (Supported Plaintiff)	Exposure  Deposed by Defendant 9/22/2006	Decision in favor of Defendant	BAR-2006-005  Cause No.: 04-00545	2006-2008

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Ms. Denyse Clancy Baron & Budd, P.C. 3102 Oak Lawn Ave., Suite 1100 Dallas, TX 75219	Plaintiff: David Carpenter Defendant(s): Spray Products Corp. et al. Circuit Court of Cook County, Chicago, Illinois (Supported Plaintiff)	Benzene Exposure	2007	BAR-2006-006 Cause No.: 2006L00673	2006-2007
Ms. Denyse Clancy Baron & Budd, P.C. 3102 Oak Lawn Ave., Suite 1100 Dallas, TX 75219	Plaintiffs: Larry Koger (deceased) and Kim Koger Defendant(s): Ashburn Industries et al. 128th Judicial District Court, Orange County, TX (Supported Plaintiff)	Exposure to benzene and benzene containing solvents while working for EBBA Iron	Negotiated Settlement	BAR-2006-007  Cause No.: A050388-C	2006-2007
Mr. Kirk Claunch Baron & Budd, P.C. 3102 Oak Lawn Ave., Suite 1100 Dallas, TX 75219	Plaintiffs: Bekkelund Defendant(s): General Tire, Shell, Specialty Radiator 23rd Judicial District Court, Brazoria County, TX (Supported Plaintiff)	Exposure to benzene and benzene containing solvents Deposed by Defendant 3/13/2007	Negotiated Settlement	BAR-2006-009  Cause No.: 24038*BJ03	2006-2008
Mr. Andrew DuPont Locks Law Firm 1500 Walnut Street, 20 <sup>th</sup> Floor Philadelphia, PA 19102	Plaintiff: Kirk Jenkins Defendant(s):  (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 2008	LOC-2006-001	2006-2008
Mr. Bradley Oldaker Bailey, Stultz, Oldaker & Green P.O. Drawer 1310 Weston, West Virginia 26452	Plaintiffs: William K. Stern et al. Defendant(s): Chemtal Incorporated et al. Circuit Court of Marshall County, West Virginia (Supported Plaintiff)	Exposure to Polyacrylamide Flocculant with Residual Acrylamide Monomer.	Negotiated Settlement	OLD-2007-001  Cause No.: 03- C-49M	2004
Mr. Lon Walters The Walters Law Firm The Oldham Building 105 East 5th Street, Suite 401 Kansas City, MO 64106	Plaintiff: Sean Reed Defendant(s): B.P. Corporation North America, Inc., and BP Products North America, Inc. et al. Circuit Court of Jackson County, Missouri at Independence (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement	WAL-2007-001  Cause No.: 04CV-209341	2007
Mr. John Hughes The Law Offices of John J. Hughes 1200 Gough Street, Suite 1 San Francisco, CA 94109	Plaintiff: Daniel F. Dean as administrator of the estate of William J. Dean Defendant(s): Overseas Shipbuilding Group (OSG) Ship Management, Inc., Juneau Tanker Group, Inc., Cambridge Tankers, Inc., OMI Corp., Interocean Ugland Management, Inc., and SL Service, Inc. Superior Court of the State of California, County of San Francisco (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 04/2008	HUG-2007-001  Cause No.: CGC-04- 430986	2007-2008
Mr. Jim Waldenberger Kline & Specter The Nineteenth Floor	Plaintiff: Karen Horvat, Estate of Andrew J. Horvat, Deceased, et al.	Benzene Exposure	Negotiated Settlement	WAL-2007-001	2007-2012

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
1525 Locust Street Philadelphia, PN 19102	Defendant(s): Crane Oil Company et al. Superior Court of New Jersey Gloucester County (Supported Plaintiff)		01/2012	Cause No.: GLO-000497-07	
Mr. J. Keith Hyde Ms. D'Juana Parks Provost & Umphrey, L.L.P. 490 Park Street P.O. Box 4905 Beaumont, TX 77704	Plaintiff: Jan Goss, Individually and as Representative of the Estate of Velma Church, Deceased, et al. Defendant: Schering-Plough Corp. 4th Judicial Court, Rusk County, State of Texas (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 04/2008	PAR-2007-001  Cause No.: 2006-232	2007-2008
Bradley R. Oldaker Bailey, Stultz, Oldaker & Greene P.O. Drawer 1310 Weston, West Virginia 26452	Plaintiff: Estate of Darren Patrick Brake Defendant: TKS Contracting Circuit Court of Upshur County, West Virginia (Supported Plaintiff)	Wrongful Death Forklift Accident	Negotiated Settlement 02/2008	OLD-2007-002  Case No.: 07-C- 155	2007-2008
Mr. John Langdoc Baron & Bud Baron & Budd, P.C. 3102 Oak Lawn Ave., Suite 1100 Dallas, TX 75219	Plaintiff: Edward Paul Wick Defendant(s): 3M Company et al. Court of Common Pleas Philadelphia County (Supported Plaintiff)	Asbestos	Negotiated Settlement 02/2009	BAR-2007-004  Cause No.: 0512-2989	2007-2009
Mr. Lon Walters The Walters Law Firm The Oldham Building 105 East 5th Street, Suite 401 Kansas City, MO 64106	Plaintiff: Paul Hedrick & Joyce Hedrick Defendant: BP Corporation North America Inc. and BP Products North America Inc. – Former American Oil Company (AMOCO) Site Circuit Court of Jackson County, Missouri at Independence (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement	LON-2007-002  Cause No.: 04CV-209360 – Div. 16	2007
Mr. Lon Walters The Walters Law Firm The Oldham Building 105 East 5th Street, Suite 401 Kansas City, MO 64106	Plaintiff: Barbara Behymer, individually and as Plaintiff Ad Litem for Richard Behymer, deceased Defendant: BP Corporation North America Inc. and BP Products North America Inc. – Former American Oil Company (AMOCO) Site. Circuit Court of Jackson County, Missouri at Independence. (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 03/07/2008	LON-2007-003  Cause No.: 04CV238342	2007-2008
Mr. Chuck Gordon Hubbell Peak O'Neal Napier & Leach Law Firm Union Station 30 W. Pershing Rd., Suite 350 Kansas City, MO 64108	Plaintiff: Robert L. Almaguer Defendant: The Burlington Northern & Santa Fe Railway Company City Court of the City of St. Louis, State of Missouri (Supported Plaintiff)	Railroad Worker PAH Exposure	Negotiated Settlement 08/16/2008	HUB-2007-001  Cause No.: 052-10081	2007-2008
Mr. Gregory A. Lofstead Richardson, Patrick, Westbrook & Brickman, LLC 174 East Bay Street Charleston SC 29401	Plaintiff: Dennie Polk Defendant: Brooks Run Coal Company et al. Circuit Court of Mingo County, West Virginia (Supported Plaintiff)	Silicosis	Negotiated Settlement 01/2008	RPWB-2007- 001 Cause No.: 04- C-650	2007-2008

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Mr. Gregory A. Lofstead Richardson, Patrick, Westbrook & Brickman, LLC 174 East Bay Street Charleston SC 29401	Plaintiff: Ricky G. Prince and Diana Prince Defendant: Eastern Associated Coal Corp. et al. Circuit Court of Mingo County, West Virginia (Supported Plaintiff)	Silicosis	Negotiated Settlement 05/2008	RPWB-2007-002  Cause No.: 04-C-289	2007-2008
Mr. James Zury The Law Offices of James C. Zury 450 Alkyre Run Drive, Suite 120 Westerville, OH 43082	Defendant: Ohio Builders, Inc. and Mr. David B. Holbert, President Plaintiff: Rick and Karen Upchurch  (Supported Defendant)	Mold Contamination	Negotiated Settlement 01/2008	SUR-07-001	2007-2008
Mr. Thomas E. Schwartz Holloran White & Schwartz LLP 2000 S. 8 <sup>th</sup> Street St. Louis, Missouri 63104	Plaintiff: Paula Dangerfield Defendant: BP Corp. North America, Inc. et al. Third Judicial Circuit Court, Madison County, State of Illinois (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 2014	SCH-07-001  Case #: 08-L-1032	2007-2014
Mr. James Billings Zacks Law Firm 33 S. James Road Columbus, OH 43213	Plaintiff: Joseph Pingue Defendant: Able Roofing Franklin County, Ohio Court of Common Pleas (Supported Plaintiff)	Roofing/Water Infiltration  Testified in Trial 6/9/2008	Decision in Favor of Plaintiff	ZAC-08-001	2008
Mr. Thomas E. Schwartz Holloran White & Schwartz LLP 2000 S. 8 <sup>th</sup> Street St. Louis, Missouri 63104	Plaintiff: Tricia Mary Iraci and the Estate of Giacomo Iraci Defendant(s): Heritage-Crystal Clean, LLC, Superior Solvents & Chemicals, Inc., Citgo Petroleum Corporation, Sunoco, Inc., The Valvoline Company and 3M Company Circuit Court of Cook County Illinois County Department, Law Division (Supporting Plaintiff)	Benzene Exposure  Deposed by Defendant(s) 5/04/2011	-	SCH-2008-001  Case No.: 05 L 7528	2008
Mr. Thomas E. Schwartz Holloran White & Schwartz LLP 2000 S. 8 <sup>th</sup> Street St. Louis, Missouri 63104	Plaintiff: Tomas Fields Defendant: The Alton & Southern Railway Company Circuit Court – St. Clair County, IL (Supported Plaintiff)	Railroad Diesel and Benzene Exposure  Deposed by Defendant(s) 3/16/2010	Negotiated Settlement 8/2010	SCH-2008-003  Cause: 06L 308	2008-2010
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff: Elmer B. Haymond and Norma Haymond Defendant(s): Moore North American, Inc. et al. Circuit Court of Marshall County, WV (Supported Plaintiff)	Organic Chemical Exposure	Negotiated Settlement	HAR-2008-001  Cause No.: 04-C-211	2008

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff: Daniel E. Emery and Liselle Emery Defendant(s): Shell Oil Company, Individually and d/b/a Shell Chemical Company and as Successor-by-Merger to Pennzoil-Quaker State Company, a Delaware Corporation, Pennzoil-Quaker State Company, C. E Bradley Laboratories, Inc., Exxon Mobil Corporation, Safety-Kleen Systems, Inc., f/k/a Safety-Kleen Corp., The Coleman Company, Inc., Cleveland Lithochrome, Company, Inc., Minnesota Mining and Manufacturing Company (3-M), Miles Supply Company, Inc., Granite City Tool Company of Vermont, Inc., Intertape Polymer Corp. State of Vermont, Washington County, SS (Supporting Plaintiffs)	Benzene Exposure  Deposed by Defendant(s) 7/21/2010	Negotiated Settlement	HAR-2008-002  Cause No. 80-2-09 WNCV	2008
Mr. Karl Novak Richardson, Patrick, Westbrook & Brickman, LLC 174 East Bay Street Charleston SC 29401	Plaintiff(s): Debra Herzog, Individually and as Administrator of the Estate of Kent Herzog, Deceased, for the use and benefit of Surviving Next of Kin, Debra Herzog (Surviving Spouse), Ryan Herzog, and Heather Ragan (Surviving Children) Defendant(s): Tex-Trim, Inc.; Sunnyside Corp.; E.I. DuPont De Nemours and Company; Superglue Corp.; The Savogran Company; RPM Wood Finishes Group; Inc., Wilsonart International, Inc., WD-40 Company, W.M. Barr & Co., Inc., DAP, Inc.; Mohawk Finishing Products, Inc.; The Glidden Co., D/B/A ICI Paints; OSI Sealants, Inc.; Do it Best Corp.; Henkel Consumer Adhesives; Inc., Henkel Corp., Individually and as successor to Henkel Loctite Corp.; Sovereign Specialty Chemicals; Henkel Consumer Adhesives, Inc., OSI Sealants, Inc., and Formica Corp.; IPS Corp. (formally Industrial Polychemical Service); Franklin International, Inc. (formerly Franklin Glue); Camie-Campbell, Inc. (formerly Camie Co.); and Camie-Campbell International, Inc. Circuit Court of the Third Judicial Circuit, Madison County, Illinois (Supported Plaintiffs)	Benzene Exposure	Negotiated Settlement 02/2010	RPWB-2008-001  Cause No.: 207-L-538	2008-2010
Mr. Robert Black Heard, Robins, Cloud & Lubel, LLP 3800 Buffalo Speedway, 5 <sup>th</sup> Floor Houston, Texas 77098	Plaintiff(s): Walter Mairose, Individually and as Executor of the Estate of Mae I. Mairose et al. Defendant(s): The Dow Chemical Company et al. Circuit Court for Baltimore City, County of Baltimore, State of Maryland (Supported Plaintiff)	Vinyl Chloride Exposure	Negotiated Settlement 08/2008	HRCL-2008-001  Case No.: 24-C-06-011110	2008
Mr. Keith Patton Shrader & Associates	Plaintiff(s): John Davis Ward, et al. Defendant(s): Citizens Gas & Coke Utility	Benzene Exposure	Negotiated Settlement	SCHM-08-001 Cause No.:	2008

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
3900 Essex Lane, Suite 390 Houston, TX 77027	Marion County Superior Court, State of Indiana (Supported Plaintiffs)		05/2008	49D03-0701-CT-002020	
Mr. Gene Egdorf The Lanier Law Firm 6810 FM - 1960 West Houston, Texas 77069	Plaintiff(s): Judy A. Bates, individually and as Personal Representative of the Heirs and Estate of Loren G. Bates, Deceased, et al. Defendant(s): Shintech, Inc. et al. United States District Court for the Western District of Missouri (Supported Plaintiff)	Vinyl Chloride Exposure	Negotiated Settlement 2008	LAN-08-001  Cause No.: 06-0944-CV-W-GAF	2008-2008
Mr. Zach Zatezalo Bordas & Bordas, PLLC 1358 National Road Wheeling, West Virginia 26003	Plaintiff(s): Mr. Joe Berry Charlton, Vicki Charlton (wife), and Shasta Charlton (daughter) Defendant: Wheeling-Pittsburgh Steel Corp. West Virginia Worker's Compensation Office of Judges & Brooke County Circuit Court (Supported Plaintiffs)	Coke Oven Gases and Heat Exposure  Deposed by Defendant 05/10/2011	Negotiated Settlement 2012	BOR-08-003  Claim #: 2006204793 Cause No.: 07-C-119	2008-2012
Mr. Andrew J. DuPont Locks Law Firm The Curtis Center 601 Walnut Street, Suite 720 East 170 South Independence Mall West Philadelphia, Pennsylvania 19106	Plaintiff(s): Michael Cardello and Tracy Cardello, his wife Defendant: CRC Industries, Inc. et al. Court of Common Pleas of Allegheny County, State of Pennsylvania (Supporting Plaintiffs)	Benzene Exposure	-	LOC-08-001  Cause No. GD-05-029307	2008
Mr. Robert Black Heard, Robins, Cloud & Lubel, LLP 3800 Buffalo Speedway, 5 <sup>th</sup> Floor Houston, Texas 77098	Plaintiff(s): Robert B. Oakley (Deceased) and Irene Oakley Defendant(s): Air Products and Chemicals, Inc., Aristech Chemical Corporation; Atlantic Richfield Company, BP Corporation of America, Inc., BP Products North America, Inc., BP Amoco Chemical Company, Occidental Chemical Corporation, Radiator Specialty Company, United States Steel Corporation, and USX Corporation U.S. District Court for the Eastern District of Texas Marshall Division (Supported Plaintiff)	Benzene Exposure  11/25/2008 - Defendant(s) motion to exclude Petty testimony denied.	Negotiated Settlement 12/2008	HRCL-08-002  Case No.: 2:07-CV-00351	2008
Mr. Robert Black Heard, Robins, Cloud & Lubel, LLP 3800 Buffalo Speedway, 5 <sup>th</sup> Floor Houston, Texas 77098	Plaintiff(s): Gerald Diaz (deceased) and Deborah Diaz Defendant(s): Handschy Industries, Inc., E.I. DuPont de Nemours & Co., et al. In the District Court, Orange County, 128th Judicial District Court (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 8/2012	HRCL-08-003  Cause No.: A-070037DC	2008-2012
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building	Plaintiff(s): Mr. Richard Gordon Defendant(s): Texaco Marine Services, Inc. et al.	Benzene Exposure	Negotiated Settlement 08/2011	HAR-08-005	2008-2011



ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
2001 Main Street, Suite 600 Wheeling, WV 26003	United States District Court for the District of New Jersey (Supported Plaintiff)	Deposed by Defendant(s) 6/28/2011		Cause No. 09 CV-911 (JAG)	
Mr. Keith Patton Shrader & Associates 3900 Essex Lane, Suite 390 Houston, TX 77027	Plaintiff(s): Mr. Raul Zendejas and Araceli Zendejas. Defendant(s): Shell Oil Company, Shell Chemical, LP, Individually and as Successor-in-interest to Shell Chemical Corporation, ConocoPhillips Company, Von Verde Citrus Packing House, Inc., an Arizona corporation; Von Verde Harvesting, Inc., a dissolved Arizona corporation; and Von Verde Citrus Growers Cooperative, Inc a dissolved Arizona Corporation In the Superior Court of the State of Arizona in and for the County of Maricopa (Supported Plaintiffs)	Benzene Exposure  Deposed by Defendant(s) 9/23/2009  Trial Testimony 11/9- 10/2009	Decision in Favor of Defendant(s) 11/19/2009	SCHM-08-002  Cause No.: CV-2007- 005399	2008-2009
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Bonnie L. Mallory, Executrix of the Estate of Robert E. Mallory, Deceased Defendant(s): Goodyear Tire & Rubber Company, Akron, OH, et al. Court of Common Pleas, Summit County, Ohio (Supported Plaintiff)	Benzene Exposure  Deposed by Defendant(s) 10/21/2009	Negotiated Settlement 2010	HAR-08-006 2007-11-8033  Case No.: CV07-11-8033	2008-2010
Mr. Raphael Metzger Metzger Law Group 401 E. Ocean Blvd., Suite 800 Long Beach, CA 90802	Plaintiff(s): Thomas Wayne Reese Defendant: Gans Ink & Supply Co., and Does 1 through 200, inclusive Superior Court of the State of California for the County of Los Angeles – Central District (Supported Plaintiff)	Benzene Exposure  Deposed by Defendant 7/7/2009	Negotiated Settlement 05/2010	MET-08-001  Case No.: BC332936	2008-2010
Mr. Guy Bucci Bucci, Bailey & Javins 213 Hale Street Charleston, WV 25301	Plaintiff(s): Michael Schmidt Defendant: Bayer Corporation, Bayer Material Science LLC, John Cool, Terry Eddy, Charles "Buddy" Kotson and John Long Circuit Court of Marshall County, West Virginia 7/28/2008 2 <sup>nd</sup> Amended Complaint Filed (Supported Plaintiff)	TDI Exposure  Deposed by Defendant 02/03/2010 and 06/03/2010	Negotiated Settlement 09/2012	BUC-07-001  Case No.: 08-C-121-K	2007-2012
Mr. Thomas E. Schwartz Holloran White & Schwartz LLP 2000 S. 8 <sup>th</sup> Street St. Louis, Missouri 63104	Plaintiff(s): Suzanne Schaefer, Individually and as Special Administrator of the Estate of Richard D. Schaefer, Deceased Defendant: The Premcor Refining Group, Inc. formerly known as Clark Refining & Marketing, Inc. and formerly known as Clark Oil & Refining Corporation, and Illinois Petroleum Company, Inc. and Texor Petroleum Company,	Benzene Exposure	-	SCH-08-005  Case No.: 06 L 578	2008



ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	Inc., and Parent Petroleum, Inc. Circuit Court of Will County, State of Illinois (Supporting Plaintiff)				
Ms. Kelly McMeekin Paul & Hanley 1608 Fourth Street, Suite 300 Berkeley, CA 94710	Plaintiff(s): Julie (Judy) Murray, Individually and as Successor-In-Interest to Erica Murray Defendant: Chevron Corporation; Union Oil Company of California; Greka Oil & Gas, Inc.; Drilling & Production Co.; ConocoPhillips, Kerr-McGee Corporation; Anadarko Petroleum Corporation, Key Energy Group, Inc. and DOES 2- 210 Superior Court of the State of California, County of Los Angeles (Supported Plaintiff)	Benzene Exposure  Deposed by Defendant(s) 10/28- 29/2009	Closed 2010	PAU-08-001  Case No.: YCO56221	2008-2010
Mr. Michael P. Giertz Hartley & O'Brien, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Douglas E. Fedor Defendant: Norfolk Southern Railway Co.  (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 11/2008	HAR-08-007  Case No.: CV-08-652069	2008
Mr. Robert Black Heard, Robins, Cloud & Lubel, LLP 3800 Buffalo Speedway, 5 <sup>th</sup> Floor Houston, Texas 77098	Plaintiff(s): Candis L. Snyder, individually, and as the Personal Representative of the Estate of William Luther Clark, Deceased; Patricia L. Clark, Shelley K. Winfrey and Kerry A. Clark, Individually and as the Wrongful Death Beneficiaries of the Estate of William Luther Clark, Deceased Defendant: E.I. DuPont De Nemours and Company, Inc., PPG Industries, Inc., Sherwin Williams Company, BASF Corp., Wesco Group, Inc. U.S. Steel/Aristech Chemical Corp., Radiator Specialty Company, Sunoco, Inc., The Glidden Company and ICI Americas, Inc. Superior Court of the State of Washington in and for the County of King (Supported Plaintiffs)	Benzene Exposure	Negotiated Settlement 7/2010	HRCL-08-004  Case No.: 07-2-27647- 5SEA	2008
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Christopher R. Searce and Angela W. Searce, his wife Defendant(s): The Sherwin-Williams Company; Abercrombie Oil Company, Inc.; Hutchens Petroleum Corporation; UNIVAR USA, Inc.; Caswell Auto Parts, LLC; Texaco, Inc.; Chemtek, Incorporated, Travelers Insurance Company and Key Risk Management Services. North Carolina Industrial Commission, Raleigh, North Carolina; State of North Carolina In the General Court of Justice Superior Court, Division, Caswell County (Supporting Plaintiff)	Benzene Exposure  Deposed by Defense 10/28/2010  Testified before the North Carolina Industrial Commission 8/11/10	Negotiated Settlement	HAR-08-004  Cause No.: 08-CVS-420	2008

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Mr. Keith Patton Shrader & Associates 3900 Essex Lane, Suite 390 Houston, TX 77027	Plaintiff(s): George Oliver Tanner, Individually and as Independent Administrator of the Estate of Jimmie Wayne Tanner, Deceased Defendant: ExxonMobil Corporation et al. In the United States District Court for the Southern District of Texas Houston Division (Supporting Plaintiff)	Benzene Exposure	-	SHR-09-001 Cause No.: 01-16849-001	2009
Mr. Guy Bucci Bucci, Bailey & Javins 213 Hale Street Charleston, WV 25301	Plaintiff(s): Ricky J. Carman Defendant: Bayer Corporation, Bayer Material Science LLC, John Cool, Terry Eddy, Charles "Buddy" Kotson and John Long Circuit Court of Marshall County, West Virginia (Supported Plaintiff)	TDI Exposure Deposed by Defendant(s) 02/03/2010	Negotiated Settlement 08/2010	BUC-09-001  Case No.: 08-C- 269K	2009-2010
Ms. Denyse Clancy Baron & Budd, P.C. 3102 Oak Lawn Ave., Suite 1100 Dallas, TX 75219	Plaintiff(s): Michael Malcontento Defendant: Court of Common Pleas, Philadelphia County, November Term, 2006, No: 0632 (Supported Plaintiff)	Asbestos Exposure	Negotiated Settlement 2010	BAR-09-002  Case No.: 26035 Asbestos	2009-2010
Mr. Keith Patton Shrader & Associates 3900 Essex Lane, Suite 390 Houston, TX 77027	Plaintiff(s): Ms. Barbara Way and Estate of Mr. James Way Defendant: Ashland, Inc., Exxon Mobil Corporation, Shell Oil Company, Chevron U.S.A., Inc., Goodrich Corporation, and Parker Hannifan Corporation In the Court of Common Pleas, Cuyahoga County, Ohio (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 2010	SHR-09-002  Cause No.: CV 09 683084	2009-2010
Mr. Robert Black Heard, Robins, Cloud & Lubel, LLP 3800 Buffalo Speedway, 5 <sup>th</sup> Floor Houston, Texas 77098	Plaintiff(s): Lewis E. Knapper and Linda Knapper Defendant: Safety-Kleen Systems, Inc., Aristech Chemical Corp., Radiator Specialty Company, Sunoco, Inc. (R&M), United States Steel Corporation, and USX Corporation. U.S. District Court for the Eastern District of Texas Lufkin Division (Supported Plaintiffs)	Benzene Exposure  Deposed by Defendant 07/16/2009  11/16/2009 - Defendant(s) motion to exclude Petty testimony denied.	Negotiated Settlement 02/2010	HRCL-09-001  Civil Action No: 9:08-cv-0084	2009-2010
Mr. Robert Black Heard, Robins, Cloud & Lubel, LLP 3800 Buffalo Speedway, 5 <sup>th</sup> Floor Houston, Texas 77098	Plaintiff(s): Linda Denise Smith and Estate of Wesley Fred Smith, Deceased et al. Defendant: E.I DuPont De Nemours and Company, Inc., PPG Industries Inc., Sherwin Williams Company, BASF Corporation, Akzo Nobel Coatings, Inc. United States District Court for the Eastern District of Texas,	Benzene Exposure	Negotiated Settlement 6/2010	HRCL-09-002  Cause No.: 08-CV-385	2009-2010

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	Beaumont Division (Supported Plaintiff)				
Mr. Robert Black Heard, Robins, Cloud & Lubel, LLP 3800 Buffalo Speedway, 5 <sup>th</sup> Floor Houston, Texas 77098	Plaintiff(s): Fred Cantu and Ruth Cantu Defendant: BP Amoco Chemical Company et al. In the District Court of Galveston Texas, 56 <sup>th</sup> Judicial District (Supported Plaintiffs)	Benzene Exposure	Dismissed 2010	HRCL-09-003  Cause No.: 07 CV 0594	2009-2010
Mr. Robert Black Heard, Robins, Cloud & Lubel, LLP 3800 Buffalo Speedway, 5 <sup>th</sup> Floor Houston, Texas 77098	Plaintiff(s): Darla J. Lemaire, Individually, and as the Independent Executrix of the Estate of Michael Lemaire, Deceased et al. Defendant: Berryman Products, Inc.; Delaware USS Corporation, Huntsman Petrochemical Corporation, Radiator Specialty Company, Texaco Chemical Company, Texaco, Inc., United States Steel Corporation, and USX Corporation 172nd Judicial District of Jefferson County, Texas (Supported Plaintiff)	Benzene Exposure Deposed by Defendant(s) 10/13/2009	Negotiated Settlement 10/31/2009	HRCL-09-007  Cause No.: E-178,440	2009
Mr. Andrew DuPont Locks Law Firm 1500 Walnut Street, 20 <sup>th</sup> Floor Philadelphia, PA 19102	Plaintiff(s): Ryan Glenn Davis and Evan Scott H. Davis, Executors of the Last Will and Testament of Ronald Davis, Deceased. Defendant(s): Sunoco, Inc. (R&M) f/k/a Sun Company, Inc., Radiator Specialty Company, United States Steel Corp., Insilco Technologies, Inc., Eastman Kodak Co., The Sherwin- Williams Co., et al. Court of Common Pleas, Philadelphia County (Supported Plaintiffs)	Benzene Exposure	Negotiated Settlement 2011	LOC-2009-002  Cause No.: 090301835	2009-2011
Mr. Andrew DuPont Locks Law Firm The Curtis Center 601 Walnut Street, Suite 720 East Philadelphia, Pennsylvania 19106	Plaintiff(s): Richard Ascani Defendant: E.I. Du Pont Nemours & Company, BASF Corp, SM Co., Safety-Kleen Systems, Inc., et al. Supreme Court of the State of New York, County of Kings (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 2010	LOC-09-003  Cause No.: 12061-09	2009-2010
Mr. Andrew DuPont Locks Law Firm The Curtis Center 601 Walnut Street, Suite 720 East Philadelphia, Pennsylvania 19106	Plaintiff(s): Joann Grandpre, Individually and as the Administratrix of the Estate of Anthony Grandpre, Deceased; Treva Cadres, Trina Kohlman and Troylise Grandpre, Individually and as the Beneficiaries of the Estate of Anthony Grandpre, Deceased Defendant: PPG Industries, Inc., PPG Industries Ohio, Inc., PPG Coatings, Inc., E.I. DuPont de Nemours & Co., DuPont Performance Coatings, Inc. Individually and as Successor-In- Interest to Spies Hecker, Inc., DuPont Automotive Products, Inc., Spies Hecker, Inc., BASF Corporation, BASF Coatings AG, Individually and Successor-In-Interest to Inmont Corporation, BASF-Inmont Corporation, BASF Corporation-	Benzene Exposure	Negotiated Settlement 2010	LOC-09-004  Cause No. 2004-4180, Division J, Section 13	2009-2010

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	Inmont Division, The Sherwin-Williams Company, Inc., Sherwin-Williams Automotive Finishes Corp., Illinois Tool Works, Inc. Individually and Successor-In-Interest to Fibre Glass-Evercoat Company, Inc., Crescent City Color, Tarride Color Service, Inc., Tarride Sale, Inc., Automotive Paint & Trimming Supply Company, Inc., Linda's Hip Hop Auto Paint & Supply Shop, LLC. Civil District Court for the Parish of New Orleans, State of Louisiana (Supported Plaintiff)				
Ms. Denyse Clancy Baron & Budd, P.C. 3102 Oak Lawn Ave., Suite 1100 Dallas, TX 75219	Plaintiff(s): Dolores Juliano, as Executrix of the Estate of John Juliano Defendant: A.W. Chesterton Company, et al. In the Court of Common Pleas Philadelphia County, PA. (Supported Plaintiff)	Asbestos Exposure	Negotiated Settlement 2012	BAR-09-003  Cause No.: 001905	2009-2012
Ms. Denyse Clancy Baron & Budd, P.C. 3102 Oak Lawn Ave., Suite 1100 Dallas, TX 75219	Plaintiff(s): Leroy Thompson Defendant: A.W. Chesterton Company, et al. In the Court of Common Pleas Philadelphia County, PA. (Supported Plaintiff)	Asbestos Exposure	Negotiated Settlement 2009	BAR-09-004	2009
Mr. Robert Black Heard, Robins, Cloud & Lubel, LLP 3800 Buffalo Speedway, 5 <sup>th</sup> Floor Houston, Texas 77098	Plaintiff(s): Susan Stevenson, Jordan W. Stevenson and Amy S. Fontenot, Individually, and as Heirs to the Estate of James Edward Stevenson Defendant: Bayer Corporation, Successor in Interest to Miles, Inc., Denka Chemical, Mobay Corporation and Mobay Chemical Company; Atofina Petrochemicals, Inc. individually and formerly known as American Petrofina Company of Texas and Fina Oil and Chemical Company; Chevron Chemical Company; Chevron U.S.A. Incorporated, individually and as successor in interest to Gulf Oil Corporation; Chevron Phillips Chemical Company, LLC; Chevron Phillips Chemical Company LP; Conoco, Inc., individually a/k/a Conoco Gas and Marketing, a Division of Conoco, Inc., and formerly known as Du Pont holdings, Inc.; ConocoPhillips Company; E.I. DuPont de Nemours and Company, Inc.; ExxonMobil Oil Corporation, individually, f/k/a Mobil Oil Corporation, and a/k/a Mobil Chemical Company, a Division of ExxonMobil Oil Corporation; Fina Oil and Chemicals; Fina, Inc.; Goodyear Tire & Rubber Company; Great Lakes Carbon Corporation; Mobil Chemical Company, Inc., individually and f/k/a Mobil Chemical Corporation; Radiator Specialty Company; United States Steel Corporation, individually, f/k/a United States Steel LLC, and	Benzene Exposure	Negotiated Settlement 02/2010	HRCL-09-008  Case No.: A-040211-C	2009

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	f/k/a USX Corporation; and USX Corporation, individually, f/k/a U.S. Steel Company, f/k/a United States Steel Corporation and as a subsidiary of Marathon Oil Company 128th Judicial District Court, Orange County, Texas (Supported Plaintiffs)				
Ms. Denyse Clancy Baron & Budd, P.C. 3102 Oak Lawn Ave., Suite 1100 Dallas, TX 75219	Plaintiff(s): Stephen J. Kolar and Carol Kolar Defendant: Buffalo Pumps, Inc. et al. Philadelphia County Court of Common Pleas Civil Trial Division (Supported Plaintiffs)	Asbestos Exposure	Negotiated Settlement 2010	BAR-09-005  Case No.: 000199 Asbestos	2009-2010
Ms. Denyse Clancy Baron & Budd, P.C. 3102 Oak Lawn Ave., Suite 1100 Dallas, TX 75219	Plaintiff(s): Earl J. Goodhart and Betty R. Goodhart h/w Defendant: Garlock Sealing Technologies, et al. In the Court of Common Pleas Philadelphia County, PA (Supported Plaintiffs)	Asbestos Exposure	Negotiated Settlement 03/2010	BAR-2009-006  Case No.: 0000436 Asbestos	2009-2010
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): John M. Ashworth and Johnnie M. Hord, Individually and Executrix of the Estate of Anthony T. Hord, deceased Defendant(s): The Goodyear Tire & Rubber Company et al. Court of Common Pleas, Summit County, Ohio (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement May 2010	HAR-09-001  Case No.: 2008-10-7361	2009-2010
Mr. R. Dean Hartley Hartley & O'Brien, P.L.L.C. The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Johnnie M. Hord, Individually and Executrix of the Estate of Anthony T. Hord, deceased and John M. Hord Defendant(s): The Goodyear Tire & Rubber Company et al. Court of Common Pleas, Summit County, Ohio (Supported Plaintiff)	Benzene Exposure  Deposed by Defendant(s) 07/07/2010	Negotiated Settlement 12/2010	HAR-09-001  Case No.: 2008-10-7361	2009-2010
Mr. Ted Gianaris Simmons Attorneys At Law 707 Berkshire Blvd. P.O. Box 521 East Alton, IL 62024	Plaintiff(s): Tristan Tolloty, a minor, by his next friends and parents, Brian Tolloty and Jessica Tolloty Defendant(s): Republic Services, Inc. Republic Services of Ohio, II, LLC, Waste Management, Inc., and Waste Management of Ohio, Inc.  In the Court of Common Please, Stark County, Ohio (Supported Plaintiffs)	Benzene Exposure	Resolved 7/2012	SIM-09-001  Case No.: BC 416990	2009-2012
Mr. Andrew DuPont Locks Law Firm 1500 Walnut Street, 20 <sup>th</sup> Floor Philadelphia, PA 19102	Plaintiff(s): Kenneth Roberts and Helen Jean Roberts, his wife. Defendant: Sunoco, Inc. (R&M) f/k/a Sun Company, Inc. and f/k/a Sun Oil Company, Inc., etc. Court of Common Pleas, Philadelphia County	Benzene Exposure	Negotiated Settlement 3/2012	LOC-09-005  Case No.: 3320	2009-2012

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	(Supported Plaintiffs)				
Mr. Greg Lofstead Richardson, Patrick, Westbrook & Brickman, LLC 1017 Chuck Dawley Blvd. Mt. Pleasant, SC 29464 & Mr. Timothy C. Bailey Bucci Bailey & Javins LC PO Box 3712 Charleston, WV 25337	Plaintiff(s): Clarence J. Dorsey and Susan Dorsey Defendant: Copperas Coal Corporation; Hunter Ridge Coal Company, f/k/a Anker Energy Corporation; Brooks Run Mining Company, LLC; Fossil Fuels, Inc.; and Kingston Mining, Inc. Circuit Court of Nicholas County, West Virginia (Supported Plaintiffs)	Silica Dust Exposure  Deposed by Defendant(s) 09/10/2010	Negotiated Settlement 9/10/2010	RPWB-10-001  Case No.: 09-C-36	2010-2010
Mr. Raphael Metzger Metzger Law Group 401 E. Ocean Blvd., Suite 800 Long Beach, CA 90802	Plaintiff(s): Laura Hammond, individually and as Guardian ad Litem of Minors Rachel Hammond and John Hammond; Craig Hammond; Elizabeth Wust; Marissa Stockreef; Stephanie Head, and Geoffrey Head Defendant: Chevron Corporation; Chevron USA, Inc.; Angeles Chemical Co., Inc.; Ashland Inc.; Ashland Oil, Inc.; Bortz Oil Co., Inc.; Chemcentral Corp; The Dow Chemical Company; E.I. Du Pont de Nemours and Company; Shell Oil Company; SOCO West Inc.; Union Carbide Corporation and Univar USA Inc. Superior Court of the State of California for the County of Los Angeles – Central District (Supported Plaintiffs)	Benzene Exposure  Deposed by Defendant(s) 5/27/2010  Testified in Trial 01/26/2011	Decision in Favor of Defendant 2/2011	MET-10-001  Case No.: BC 358265	2010-2011
Mr. Robert Black Heard Robins Cloud & Black 9 Greenway Plaza, Suite 2300 Houston, Texas 77046	Plaintiff(s): Patricia A. McClurg, Individually and as the Representative of the Estate of Duard Wayne McClurg, Deceased and Terena McClurg Defendant(s): Ingram Barge Company, Savogran Company, W.M. Barr Company, Inc., et al. United States District Court, Eastern District of Texas, Beaumont Division (Supported Plaintiffs)	Benzene Exposure	Negotiated Settlement 11/2010	HRCB-10-002  Case No.: 1:09-CV-00504	2010
Mr. Andrew DuPont Locks Law Firm 1500 Walnut Street, 20 <sup>th</sup> Floor Philadelphia, PA 19102	Plaintiff(s): John J. Mull, III, and Renee Crimmins, H/W Defendant: The Sherwin Williams Company; M.A. Bruder & Sons, Inc.; Urbanik Paint & Wallpaper Co., Inc.; Tnemec, Inc.; Benjamin Moore & Co. Duron Paints & Wallcoverings; Texaco, Inc.; ChevronTexaco Corp.; Getty Petroleum Marketing, Inc. f/k/a Getty Realty Corp. f/k/a Power Test Corp.; Lukoil Americas Corp; Mikecon Corp.; Exxon Mobil Corp; Getty Realty Corp. and John Doe Corporations One through Ten (1-10) Superior Court of New Jersey, Law Division – Camden	Benzene Exposure  Deposed by Defendant(s) 03/17/2011	Negotiated Settlement 5/17/2011	LOC-10-001  Case No.: CAM-L-884-07	2010-2011



ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	County (Supported Plaintiffs)				
Mr. Keith Patton Shrader & Associates, L.L.P. 3900 Essex Lane, Suite 390 Houston, TX 77027	Plaintiff(s): Sharon Claytor, Personal Representative of the Estate of Rick D. Lewis; and Hilarie Lewis, Heir of Rick D. Lewis Defendant: Rebel Oil Company, a Nevada Corporation; Kinder Morgan Energy Partners, L.P.; ConocoPhillips Company; Shell Chemical Company; Chevron U.S.A., Inc.; Tosco Corporation; Tosco Refining Company; BP Products North America, Inc. and Atlantic Richfield Company District Court, Clark County, Nevada (Supported Plaintiffs)	Benzene Exposure	Testified in Trial 09/27-28/2011  Decision in Favor of Plaintiff 10/2011  Decision Confirmed by the Supreme Court of Nevada 12/16/2014	SHR-10-001  Case No.: A566869, Dept. XVII	2010-2011
Mr. Darren Brown Provost Umphrey Law Firm, LLP 490 Park Street Beaumont, Texas 77701	Plaintiff(s): Monte McWilliams Defendant(s): Exxon Mobil Corporation et al. 14th Judicial District Court, Parish of Calcasieu, State of Louisiana, Division E (Supported Plaintiff)	Benzene Exposure	Decision in Favor of Plaintiff 02/2012	PRO-10-001  Cause No.: 2009-002803	2010-2012
Mr. Keith Patton Shrader & Associates, L.L.P. 3900 Essex Lane, Suite 390 Houston, TX 77027	Plaintiff(s): Richard Czuprynski Defendant: The Kansas City & Southern Railway Company Circuit Court of Jackson County, Missouri (Supporting Plaintiff)	Benzene from Benzene-Containing Products  Deposed by Defendant 11/29/2011	Dismissed	SHR-11-001  Cause No.: 1016-CV06186, Division No. 4	2011-2012
Mr. Greg Coolidge Metzger Law Group 401 E. Ocean Blvd., Ste. 800 Long Beach, CA 90802	Plaintiff(s): Steven Billing et al. Defendant(s): Azko Nobel Paints, LLC et al. Superior Court of the State of California for the County of Los Angeles (Supported Plaintiffs)	Benzene Exposure	Negotiated Settlement 01/2012	MET-11-001  Case No.: BC 416990	2011-2012
Mr. Brian Madden Wagstaff & Cartmell, LLP 4740 Grand Avenue, Suite 300 Kansas City, MO 64112	Plaintiff(s): Charles Ross and Rocio Ross Defendant(s): Chevron Phillips Chemical Company, LP; Chevron Phillips Chemical Holdings II, LLC; and Chevron Phillips Chemical Company, LLC. District Court of Montgomery County, Texas, 284th Judicial District (Supported Plaintiffs)	Benzene Exposure  Deposed by Defendant(s) 04/24/2012	Negotiated Settlement 03/2012	WAG-11-001  Case No.: 10-02-01901- CO	2011-2012



ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Mr. Keith Hyde Provost Humphrey P.O. Box 4905 Beaumont, Texas 77704	Plaintiff(s): Jo Beth Allen and Lisa Wolfe, Surviving Children of Joe Allen, Deceased Defendant(s): Texaco, Inc., Chevron USA, Inc. and Atlantic Richfield Company In the District Court, Jefferson County, Texas, 60th Judicial District (Supported Plaintiffs)	Benzene Exposure	Negotiated Settlement 03/2012	PRO-11-001  Cause No. B-186,652	2011-2012
Ms. Jo Anna Pollock Simmons Attorneys At Law 707 Berkshire Blvd. P.O. Box 521 East Alton, IL 62024	Plaintiff(s): City of Roxana Defendant(s): Shell Oil Company, Equilon Enterprisers, LLC d/b/a Shell Oil Products, US, a Corporation, ConocoPhillips Company, WRB Refining LP, ConocoPhillips WRB Partner, LLC, and Cenovus GPCP, LLC. The Circuit Court Third Judicial Circuit Madison County, IL (Supported Plaintiffs)	Benzene Exposure  Deposed by Defendant(s) 11/05/2015	Negotiated Settlement 2016	SIM-11-001  Case No.: 3:12-cv-00336 GDM-PMF	2011-2016
Mr. Brad Oldaker Bailey, Stultz, Oldaker & Greene 122 Court Avenue Weston, WV 26452	Plaintiff(s): Ralph E. Taylor, Kathy Taylor, individually and in their capacity as guardian and next friend of Jane Doe, a minor. Defendant(s): E.I. Du Pont & Company, a Delaware Corporation, KBR, Inc., a Delaware Corporation, BE&K Construction Company, L.L.C., a Delaware Corporation and Debra Hartman, an Individual. In the Circuit Court of Kanawha County, West Virginia. (Supported Plaintiff)	Safety (Scaffold Incident)	Negotiated Settlement 09/2012	OLD-11-001  Case No. 11-C-1713	2011-2012
R. Dean Hartley Hartley & O'Brien, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Cynthia L. Gunto, Individually and as Executrix of the Estate of Michael T. Gunto, deceased. Defendant(s): PPG Industries, Inc. Circuit Court of Marshall County, West Virginia (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 03/2013	HAR-11-001  Case No.: 09 C 260K	2011-2013
Mr. Gary L. Hall Smith, Rolfes & Skavdahl Co., LPA 600 Vine Street, Suite 2600 Cincinnati, OH 45202	Plaintiff(s): Rex A. Absher and Cosetta Absher Defendant(s): State Auto Insurance Company of Ohio In the Court of Common Pleas Lawrence County, Ohio. (Supported Insurance Company - Defendant)	Formaldehyde Exposure  Deposed by Plaintiffs 02/09/2012	Decision in Favor of Plaintiff	STE-12-001  Case No.: 10-OC-908	2011-2012
Dr. Herschel L. Hobson Hobson & Bradley Attorneys At Law 2190 Harrison Beaumont, TX 77701	Plaintiff(s): William P. Hite and Patricia A. Hite Defendant(s): Apex Oil Company, Inc., Valero Energy Corp., successor in interest to Clark Oil Company and Premcor, Inc. et al. Circuit Court of Cook County Illinois, County Department, Law Division	Benzene Exposure  Deposed by Defendant(s) 04/02/2013	Negotiated Settlement 2/2014	HOB-11-001  Case No.: 09 L 4510	2011-2014

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	(Supported Plaintiff)				
Mr. Ted Gianaris Simmons Attorneys At Law 707 Berkshire Blvd. P.O. Box 521 East Alton, IL 62024	Plaintiff(s): James and Betty Cox Defendant(s): Shell Oil Company, Equilon Enterprisers, LLC d/b/a Shell Oil Products, US, a Corporation, ConocoPhillips Company, WRB Refining LP, ConocoPhillips WRB Partner, LLC, and Cenovus GPCP, LLC. (Supported Plaintiffs)	VOC Exposure  Site Visit, Interview and Report	Resolved Pre-Litigation 2014	SIM-12-001	2012-2014
Mr. Keith Hyde Provost Humphrey P.O. Box 4905 Beaumont, Texas 77704	Plaintiff(s): Claude W. Shute & Arthur Earl Holmes Defendant(s): Citgo Petroleum Company; Canadianoxy Offshore Production Co., ConocoPhillips Company; ExxonMobil Corporation; Chevron U.S.A., Inc.; Texaco, Inc.; Fina, Inc.; GATX Corporation; Crown Petroleum Corporation; Shell Oil Company; Hartford Accident & Indemnity Company; Century Indemnity Company and Lloyds of London In the 14th Judicial District Court of Calcasieu Parish, Louisiana (Supported Plaintiffs)	Benzene Exposure	Negotiated Settlement 09/2012	PRO-12-001  Cause No.: 2010-003436 "E"	2012
Mr. Andrew DuPont Locks Law Firm The Curtis Center 601 Walnut Street, Suite 720 East 170 South Independence Mall West Philadelphia, Pennsylvania 19106	Plaintiff(s): Sondra Krem, Individually and as Executrix of the Estate of Joseph J. Krem Defendant(s): BP Corporation North America, Inc., Atlantic Richfield Company, Sunoco, Inc. (R&M) f/k/a Sun Company, Inc., Radiator Specialty Company, United States Steel Corporation, Safety-Kleen Systems d/b/a Safety-Kleen, Safety-Kleen Corp. in its own right and d/b/a Safety-Kleen Systems, Inc., The Pep Boys-Manny, Moe & Jack, The Berkebile Oil Company, Inc. and CRC Industries, Inc. In the Court of Common Pleas of Philadelphia County, Pennsylvania – Civil Division (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 11/2012	LOC-12-001  Case No.: 01913	2012
Mr. Andrew J. Stern Kline & Specter 1525 Locust Street Philadelphia, PA 19102	Plaintiff(s): Ruben Grigoryants and Mariana Grigoryants Defendant(s): Safety-Kleen Systems d/b/a Safety-Kleen, Safety-Kleen Corp. in its own right and d/b/a Safety-Kleen Systems, Inc. In the United States District Court for the Western District of Pennsylvania (Supported Plaintiffs)	Benzene Exposure	Negotiated Settlement 04/2016	KLI-12-001  Case No.: 1:11-cv-00267-SJM	2012-2016
Mr. Andrew DuPont Locks Law Firm The Curtis Center 601 Walnut Street, Suite 720 East 170 South Independence Mall West	Plaintiff(s): David Gerchman and Teresa Gerchman Defendant(s): Berryman Products, Inc.; CRC Industries, Inc., Ford Motor Company, Loctite Corporation n/k/a Henkel Corporation; Illinois Tool Works, Inc., solely as successor-in-interest to Permatex, Inc.; Radiator Specialty Company;	Benzene Exposure  Deposed by Defendant(s) on July 16, 2012.	Negotiated Settlement 08/2012	LOC-12-002  Case No. VC060106	2012-2012

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Philadelphia, Pennsylvania 19106	United States Steel Corporation, Safety-Kleen Corp., Safety-Kleen Systems, Inc., 3M Company; E.I. DuPont de Nemours & Company; Sea Foam Sales Company; Justice Brothers, Inc.; Hanson Merrill Corporation a/k/a Ernie's Auto Parts and Henkel Corporation In the Superior Court of the State of California for the County of Los Angeles, Southeast District (Supported Plaintiffs)				
Mr. Thomas E. Schwartz Holloran White & Schwartz LLP 2000 S. 8 <sup>th</sup> Street St. Louis, Missouri 63104	Plaintiff(s): Jeannette Platt, as the surviving wife of Decedent Lawrence Platt, Lukas Platt and Zachary Platt, as the surviving children of Decedent, Loretta Platt, as the surviving mother of Decedent, and Francis Platt, John Platt and Edward Platt, as the surviving siblings of Decedent Defendant(s): BASF Corporation, D&A Distributing, Inc., E.I. DuPont de Nemours & Company, Link Motor Supply Company, Inc., PPG Industries, Inc., and the Sherwin Williams Company In the Circuit Court of St. Louis County, State of Missouri (Supported Plaintiffs)	Benzene Exposure	Negotiated Settlement 02/2013	SCH-12-001  Case No.: 10SL-CC01305	2012-2013
Mr. Keith Hyde Provost Humphrey P.O. Box 4905 Beaumont, Texas 77704	Plaintiff(s): Billy Smallwood & George C. Washington Defendant(s): Exxon Mobil Corporation et al. In the 136th Judicial District Court of Jefferson County, Texas (Supported Plaintiffs)	Benzene Exposure  Deposed by Defendant(s) on October 17, 2013	Negotiated Settlement 11/2013	PRO-12-002  Case No.: D-189,648	2012-2013
Mr. Andrew DuPont Locks Law Firm 1500 Walnut Street, 20 <sup>th</sup> Floor Philadelphia, PA 19102	Plaintiff(s): Andre A. Harvey Defendant(s): Valero Energy Corporation, PBF Energy Company, LLC, Paulsboro Refining Company, LLC, Sunoco, Inc. (R&M) a/k/a Sun Oil Company, Inc. and Sun Company, Inc., Sunoco Logistics Partners, L.P., El Paso Corporation, The Carlyle Group, L.P., Delaware City Refining Company, LLC, Husky Energy, Inc., Lima Refining Company In the Court of Common Pleas of Philadelphia County (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 01/20/2017	LOC-12-003  Case No. 121102430; 02471	2012-2017
Mr. Brian E. Fritz Saltz, Mongeluzzi, Barrett & Bendesky, P.C. One Liberty Place, 52 <sup>nd</sup> Floor Philadelphia, PA 19103	Plaintiff(s): Jeanne Gans, Administratrix of the Estate of George Gans, and in her own right Defendant(s): Sunoco, Inc., and Sunoco (R&M) Inc. Philadelphia County Court of Common Pleas Law Division (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 3/2014	SMBB-13-001  Case No.: 03399	2013-2014
Mr. Guy R. Bucci Bucci Bailey & Javins LC PO Box 3712	Plaintiff(s): William (Rick) Potter Defendant(s): B&F Contracting, Inc. and its successors 198	Fall Protection	Negotiated Settlement 5-2015	BUC-13-002	2013-2015

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Charleston, WV 25337  Mr. Chris Heavens Heavens Law Firm PLLC 2438 Kanawha Blvd., East Charleston, WV 25311	State Road 716, Ashland KY 41102 (Supported Plaintiff)	Pre-Suit – Wrote Expert Report			
Mr. Guy R. Bucci Bucci Law Firm PO Box 3712 Charleston, WV 25337	Plaintiff(s): Muriel A. Thomas and Jackie Thomas, her husband Defendant(s): Interiors Plus, LLC, a West Virginia Limited Liability Company, CENTAUR Floor Systems, LLC, ECORE International, Inc. a Pennsylvania Corporation, and Russell Morrison d/b/a/ Alpha Professional, vs. Bostic, Inc., Third-Party Defendant In the Circuit Court of Kanawha County, West Virginia (Supported Plaintiffs)	Exposure to MDI	WV Workers' Compensation Office of Judges Decision of Reversal in Favor of Plaintiffs 12/19/2014  Negotiated Settlement 05/2016	BUC-13-001  Case No.: 14-C-106	2013-2016
Mr. Brian E. Fritz Saltz, Mongeluzzi, Barrett & Bendesky, P.C. One Liberty Place, 52 <sup>nd</sup> Floor Philadelphia, PA 19103	Plaintiff(s): John and Jacquelyn Coen, Husband and Wife Defendant(s): Carboline Co., RPM, et al. Philadelphia County Court of Common Pleas Law Division (Supported Plaintiffs)	Benzene Exposure	Negotiated Settlement 11/2013	SMBB-13-002  Case No.: 1714	2013
Ms. Jo Anna Pollock Simmons Attorneys At Law 707 Berkshire Blvd. P.O. Box 521 East Alton, IL 62024	Plaintiff(s): Bridgeton Class Action – Marsha Buck, Troy Lewis, Jean Lewis, Mike Head and Janet Head, individually and on behalf of all others similarly situated. Defendant(s): Republic Services, Inc., Allied Services LLC d/b/a Republic Services of Bridgeton, Bridgeton Landfill, LLC In the United States District Court Eastern District of Missouri. (Supported Plaintiffs)	Benzene Exposure  Deposed by Defendant(s) 10/30/2013	Negotiated Settlement 2013	SIM-13-002  Case No.: 13-CV-00801	2013
Mr. Douglas J. May Travelers Staff Counsel 625 Eden Parkway, Suite 510 Cincinnati, OH 45202	Plaintiff(s): Arshot Investment Corporation, et al. Defendant(s): E.V. Bishoff Company, et al. In the Court of Common Pleas Franklin County, OH (Supported Defendant – Mason)	Brick Veneer Failure Structural at Hampton Inn, Columbus, OH  Site visit and Expert Report	Negotiated Settlement 2/2014	TRA-13-001  Case No.: 12CV-10-12920	2013-2014
Mr. John Vincent Weston Hurd LLP 10 W. Broad St., Suite 400 Columbus, OH 43215	Plaintiff(s): Tutor Time 123 LLC Defendant(s): Air Force One, Inc. Pre-Lawsuit (Supporting Defendant)	HVAC Failure Claimed  Site Visit and Expert Report	Settled 2013	WES-13-001 Claim #: NR- CMM-6050718- 110913-A	2013

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Mr. Andrew DuPont Locks Law Firm 1500 Walnut Street, 20 <sup>th</sup> Floor Philadelphia, PA 19102	Plaintiff(s): David A. Johnson and Laura Johnson Defendant(s): Armored Autogroup, Inc. d/b/a STP; Berryman Products, Inc.; CRC Industries, Inc., Loctite Corporation n/k/a Henkel Corporation; Illinois Tool Works, Inc., solely as successor-in-interest to Permatex, Inc.; Radiator Specialty Company; United States Steel Corporation, Safety-Kleen Corp., Safety-Kleen Systems, Inc., 3M Company; Texaco, Inc.; Chevron U.S.A., Inc., Individually and Successor in Interest to Texaco, Inc., Justice Brothers, Inc.; Genuine Parts Company; Henkel Corporation Individually and as Successor in Interest to Loctite Corporation and Henkel Loctite Corporation; Sunoco, Inc. (R&M); Volvo Cars, etc. In the Superior Court of the State of California for the County of Alameda (Supported Plaintiffs)	Benzene Exposure  Deposed by Defendant(s) 3/21/2014; 4/8/2014; 4/24/2014	Negotiated Settlement 6/2014  Re-opened 2016 and re-settled 9/2016	LOC-13-001  Case No.: 001641 A142485 In the Court of Appeal of the State of California, First Appellate District	2013-2016
Mr. Andrew DuPont Locks Law Firm 1500 Walnut Street, 20 <sup>th</sup> Floor Philadelphia, PA 19102	Plaintiff(s): David Butler and Teri Rhodes Defendant(s): Sunoco, Inc. (R&M) FKA Sun Company, Inc. FKA Sun Oil Company; United States Steel Company; and Radiator Specialty Company. In the Court of Common Pleas of Philadelphia County, Pennsylvania Civil Division (Supported Plaintiffs)	Benzene Exposure	Testified in Trial 7/29-30/2014  Decision in Favor of Defense 8/8/2014	LOC-13-001  Case No.: 001641	2013-2014
Mr. Thomas E. Schwartz Holloran White & Schwartz, LLP 2000 South 8th Street St. Louis, MO 63104	Plaintiff(s): Elroy Buyat, Jr. Defendant(s): Mallinckrodt, Inc., Covidien, Inc., Safety-Kleen Systems, Inc., Heritage-Crystal Clean, LLC., and Engineered Lubricants, Co In the Circuit Court of St. Louis County, State of Missouri (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 2014	HOL-13-001  Case No.: 1122-CC00786	2013-2014
Mr. Andrew DuPont Locks Law Firm 1500 Walnut Street, 20 <sup>th</sup> Floor Philadelphia, PA 19102	Plaintiff(s): Layne Kleinschmit and Cynthia Kleinschmit Defendant(s): 3M Company; Berryman Products, Inc.; The Blaster Corporation, CRC Industries, Inc., Genuine Parts Company, d/b/a NAPA; Henkel Corporation, individually and as successor in interest to Loctite Corporation and Henkel Loctite Corporation; Loctite Corporation n/k/a Henkel Corporation; Illinois Tool Works, Inc., d/b/a Permatex and d/b/a Gumout and d/b/a LPS Laboratories and d/b/a Wynn's.; The Pep Boys – Manny, Moe & Jack; Radiator Specialty Company; Safety-Kleen Corporation, Safety-Kleen Systems, Inc., Sunoco, Inc. (R&M) f/k/a Sun Company, Inc. and f/k/a Sun Oil Company, Inc., Technical Chemical Company; and	Benzene Exposure	Negotiated Settlement 06/2015	LOC-14-001  Case No. VC060106	2013-2015

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	United States Steel Corporation In the Court of Common Pleas, Philadelphia County (Supporting Plaintiffs)				
Mr. Mark R. Staun The Segal Law Firm 810 Kanawha Boulevard, East Charleston, West Virginia 25301	Plaintiff(s): Steve Ansell Defendant(s): EXXON MOBIL CORPORATION, a New Jersey corporation; SAFETY-KLEEN SYSTEMS, INC., a Wisconsin corporation; RADIATOR SPECIALTY COMPANY, a North Carolina corporation; CRC INDUSTRIES, INC., a Pennsylvania corporation; WEST VIRGINIA, DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, an agency of the State of West Virginia; NAZDAR COMPANY, Individually and as Successor-by-Acquisition/Merger to ADVANCE PROCESS SUPPLY CO., an Illinois corporation; ADVANCE PROCESS SUPPLY CO., an Illinois corporation; 3M COMPANY, a Delaware corporation; FUJIFILM NORTH AMERICA CORPORATION, as Successor-by Merger to FUJIFILM SERICOL U.S.A., INC., as Successor-by-Merger to SERICOL, INC., a New York corporation; UNCOMMON CONGLOMERATES, INC., a Division of CYBERBOND, LLC, a Delaware limited liability company Circuit Court of Marshall County, West Virginia (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 2015	SEG-13-001  Case No.: 13-C-119K	2013-2015
Mr. John Vincent Weston Hurd LLP 10 W. Broad St., Suite 400 Columbus, OH 43215	Plaintiff(s): Mercer Square, LLC Defendant(s): Preferred Real Estate Pre-Suite Inspection and Report (Supported Defendant)	Fire Suppression System Freeze Failure  Jack Nicklaus Villa – 18 <sup>th</sup> Green – Muirfield Village, Dublin, OH	Negotiated Settlement 2014	WES-14-001	2014
Mr. Darren Brown Provost Umphrey 490 Park Street Beaumont, TX 77704	Plaintiff(s): Carl Nolan Smith, III Defendant(s): Chevron U.S.A., Inc.; Chevron Chemical Company, LLC; ExxonMobil Oil Corporation; Texaco, Inc.; Atlantic Richfield Company; BP Amoco Chemical Company; BP Products North America, Inc.; Canadianoxy Offshore Production Co.; ConocoPhillips Company; Total Petrochemicals USA, Inc.; Union Oil Company of California; and Huntsman Petrochemical, Inc. 14th Judicial District Court, Parish of Calcasieu, State of Louisiana (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 10/2014	PRO-14-001  Cause No.: 2012-5290A	2014
Mr. Robert Black Black Law, PC The Lyric Centre	Plaintiff(s): Joseph Dwayne Meeks and Jane Meeks Defendant(s): Ace Hardware, British Petroleum (BP); E.I. du Pont de Nemours and Company (DuPont), Pittsburg Paint	Benzene Exposure	Negotiated Settlement 09/2015	BLA-14-001  Cause No.:	2014-2015



ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
440 Louisiana, Suite 2400 Houston, Texas 77002	Glass (PPG), Savogran; Shell Oil Company (Shell); Sherwin-Williams Company (S-W), W.M. Barr & Company (WM Barr), and US Steel Company. Galveston County, Texas – 122 <sup>nd</sup> District Court (Supported Plaintiffs)			14-CV-1044	
Mr. Scott R. Frieling Allen Stewart, P.C. 325 N. St. Paul St., Ste. 2750 Dallas, TX 75201	Plaintiff(s): Thomas Koenig and Rebecca Koenig Defendant(s): Ashland, Inc., BASF Corporation, Dow Chemical Company, Dynabrade, Inc., E.I. DuPont de Nemours & Co., Egyptian Lacquer Manufacturing Company, Inc., GE Betz, Inc., Henkel Corporation, NB Coatings, Inc., Zinsser Co., Inc. as successor to Parks Corporation, Plastic Process Equipment, Inc., Rohm & Hass Company, Worwag Coatings, LLC. In the Court of Common Pleas, Philadelphia County, PA (Supporting Plaintiff)	Benzene Exposure	Negotiated Settlement 04/2015	ALL-14-001  Cause No.: 12-12-03188	2014-2015
Mr. Scott R. Frieling Allen Stewart, P.C. 325 N. St. Paul St., Ste. 2750 Dallas, TX 75201	Plaintiff(s): Jerri A. Rowan Defendant(s): Sherwin-Williams, Inc., Columbia Forest Products, Inc., Futch Lumber, FTL Properties of Delaware, LLC, Baer Wurth, Aetna, Charter Industries, Temple-Inland, Inc., Tamarac Distributors, Charles F. Shiels, Bluelinx, Flagg, ATC Panels, Inc., Georgia Pacific Wood Products, Weyerhaeuser, Jeld-Wen, Inc., Custom Plywood, Rugby, Inc., Distributor Service, Inc., In the Court of Common Pleas, Cuyahoga County, OH (Supporting Plaintiff)	Benzene Exposure	Negotiated Settlement 01/2015	ALL-14-002  Cause No.: CV 13 813181	2014-2015
Mr. Peter Alfert Hinton Alfert & Kahn LLP 200 Pringle Ave., Suite 450 Walnut Creek, CA 94596	Plaintiff(s): Gavin Kirk, a minor by and through his guardian ad litem Stephen Tobin Kirk, Sarah Kirk, and Stephen Tobin Kirk individuals, Ryan Goode, a minor by and through his guardian ad litem James Goode, Jaqueline Goode and James Goode individuals Defendant(s): Varco International, Inc., Varco Heat Treating Company, Varco Oil Tools, National Oil Well Varco, Plazamerica Inc., Plaza National Real Estate, Inc., Plaza Atrium, Inc., Leed Plaza Atrium, LLC., successor in interest to Plazamerica, Inc., Leed Properties, Cove Properties, Inc., Cove Development Co., Cove Builders, Inc., County of Orange, and Does 1 through 200, inclusive. In the Superior Court of the State of California, for the County of Orange (Supporting Plaintiffs)	Soil/Gas Exposure  Deposed by Defendant(s) 07/31/ 2015	Negotiated Settlement 02/2016	HIN-14-001  Cause No.: 30-2010-00423097 & 30-2011-00512364 Consolidated	2014-2016



ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Mr. Timothy O'Brien Levin Papantonio 316 S. Baylen St., #600 Pensacola, FL 32502 Mr. Robert Bilott Taft Stettinius & Hollister LLP 425 Walnut Street, Suite 1800 Cincinnati, OH 45202 Mr. Richard Schulte Wright & Schulte 812 E. National Road Vandalia, OH 45377	Plaintiff(s): C-8 Class Action Defendant(s): DuPont de Nemours United States District Court Southern District of Ohio – Eastern Division (Supporting Plaintiffs)	Exposure to C-8  Deposed by Defendant(s) 03/30/2015  Daubert Challenge by Defendant(s) – Denied August 6, 2015	Case 1 Bartlett - Testified in Trial 09/21, 22, 23/2015 Case 1 Decision in favor of Plaintiff Carla Bartlett 10/7/2015  Case 2 Freeman – Testified in Trial 06/10, 13, 14, 15/2016 Case 2 Decision in favor of Plaintiff David Freeman 07/08/2016  Case 3 Vigneron – Testified in Trial 12/1 & 5/2016 Case 3 Decision in favor of Plaintiff Keith Vigneron 01/05/2017  Case 4 Moody – 01/30, 31, and 02/ 1/2017 Case 4 Larry Moody - Part of Class Action Negotiated Settlement of 900 Million + 02/13/2017	WRI-14-001	2014-2017

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Mr. Emmett McGowan Nelson Brown & Co. 518 Township Line Road, Suite 300 Blue Bell, PA 19422	Plaintiff(s): Alva & Fern Hoopengardner Defendant(s): Meridian Citizens Mutual Insurance Company United States District Court Eastern District of Pennsylvania (Supported Defendant)	Indoor Air Quality (IAQ)	Negotiated Settlement 2014	NEL-14-001 Cause No.: 2:13-cv-07485-PD	2014
Mr. Scott R. Frieling Allen Stewart, P.C. 325 N. St. Paul St., Ste. 2750 Dallas, TX 75201	Plaintiff(s): Wade Wesley Wiederhold Defendant(s): Safety Kleen, Corp., Safety Kleen Systems, Inc., Rust-Oleum Corp., Berryman Products, Inc., ITW Permatex, a Division of Illinois Tool Works, Inc., The Valspar Corporation, Henkel Corporation, Deere & Company, Gold Eagle Co., The Sherwin-Williams Company, Apollo Industries, Inc., Claire-Sprayway, Inc., and Ozark Kenworth, Inc.  In the Circuit Court of Jackson County, Missouri 2 at Independence (Supported Plaintiff)	Benzene Exposure  Deposed by Defendant(s) 10/22/2015	Testified in Trial on 06/21/2016  Decision in favor of Defendant 07/2016	ALL-14-002  Case No.: 1316-CV13192	2014-2016
Mr. Andrew DuPont Locks Law Firm 1500 Walnut Street, 20 <sup>th</sup> Floor Philadelphia, PA 19102	Plaintiff(s): Louis Arthur DeSorbo Defendant(s): United States Steel Corporation; Sunoco, Inc. (R&M) f/k/a Sun Company, Inc. and f/k/a Sun Oil Company, Inc.; 3M Company; Rogersol, Inc., Rycoline Products, Inc., a Division of Sun Chemical Commercial Group a/k/a Rycoline Products, LLC and Successor to Rogersol, Inc.; Sun Chemical Corporation, Individually and a Parent and Successor to Rycoline Products, LLC, a/k/a Rycoline Products, Inc. and Successor to Rogersol, Inc.; Van Son Holland Ink Corporation of American; Varn International, d/b/a Varn Products Company; Day International, Inc., Individually and as Successor to and d/b/a Varn Products Company; Printers Service d/b/a Prisco; Deleet Merchandizing Corporation; Cabrun Ink Products, Corporation; Handschy Industries, LLC; Chevron USA, Inc. Individually and as Successor In Interest to Unocal Corporation and its Subsidiaries; Philips Electronics North America Corporation d/b/a and a Parent and Successor In Interest .H. Agriculture and Nutrition, Inc. and Thompson-Hayward Chemical Company; Emco Chemical Distributors, Inc.; PPG Industries, Inc.; Shell Oil Company; Shell Oil Products US, INC.; Fisher Scientific International, Incorporated; Mallinckrodt Baker, Incorporated, Individually and as Successor In Interest to J.T. Baker, Incorporated; Total Petrochemicals & Refining USA, Incorporated, Individually and as Successor In Interest to American Petrofina, Inc. Total Plaza a/k/a FINA, Inc., Cosden Oil Company, Graphic Packaging International, Inc. Individually	Benzene Exposure	Testified in Trial 02/10/2016 Decision in Favor of Plaintiff 02/2016	LOC-14-002  Cause No. 003450	2014-2016

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	and Successor in Interest to Handschy Industries, LLC.; Anchor/Lith-Kem-Ko, Incorporated, a Subsidiary of Fugifilm Hunt Chemicals USA, Incorporated; Fugifilm Hunt Chemicals USA, Incorporated, d/b/a and Parent and Successor to Anchor/Lith-Kem-Ko, Incorporated; Sinclair & Valentine Company, Incorporated; Hurst Chemical Company; Gans Ink & Supply Company, Incorporated; Spinks Ink Company, Incorporated; Flint Ink Corporation; et al. In the Court of Common Pleas, Philadelphia County, Pennsylvania (Supported Plaintiff)				
Allen Stewart Stephanie Sherman 325 N. St. Paul St., Suite 2750 Dallas, TX 75201	Plaintiff(s): Christopher Lightfoot Defendant(s): Georgia-Pacific Wood Products LLC, Georgia-Pacific, LLC, individually and as successor-in-interest to Georgia-Pacific Corporation, Weyerhaeuser Company, Weyerhaeuser NR Company, Lowes Home Centers, LLC (NC), and John Doe 1 State Court of Fulton County, GA (Supported Plaintiff)	Wood Dust Exposure	Negotiated Settlement 2016	ALL-15-001  Cause No.: 01960	2015-2016
Mr. Darren Brown Provost Humphrey P.O. Box 4905 Beaumont, Texas 77704	Plaintiff(s): Cathy Withers Defendant(s): Chevron U.S.A., Texaco, Inc., Union Oil Company of California, Alon USA, LP, Anadarko E & P Onshore, LLC, ConocoPhillips Company, ExxonMobil Oil Corporation, PB Amoco Chemical Company, BP Products North America, Inc., Canadianoxy Offshore Production Company, Citgo Petroleum Corporation, Delek Logistics Operating, LLC, Total Petrochemicals & Refining, USA,, Inc., El Paso Energy E.S.T. Company, El Paso Natural Gas Company, LLC, Enbridge Marketing LLC, Targa Resources, Axiall Georgia Gulf Corp., Hunt Oil Company, et al. In the 14 <sup>th</sup> Judicial District Court for the Parish of Calcasieu, State of Louisiana, Division "D"	Benzene Exposure	Negotiated Settlement 12/2016	PRO-15-001 Cause No.: 2013-3723	2015-2016
Kohrman Jackson & Krantz Ms. Heather Zilka 10 West Broad Street, Suite 1900 Columbus, OH 43215	Plaintiff(s): Mary Christian Defendant(s): Lawrence Water, et al. Lawrence County Common Pleas, Ohio (Supported Defendant)	Structural Damage from Water Leak	Negotiated Settlement 10/2016	KJK (SMI)-15-001  Cause No.: 14 OC 739	2015-2016
Mr. Everett Day Black Law, PC The Lyric Centre 440 Louisiana, Suite 2400 Houston, Texas 77002	Plaintiff(s): Yomanoh Akpobo Defendant(s): Ross Dress for Less, Inc., Houston, TX American Arbitration Association Arbitration Proceedings – Employment Arbitration	Slip & Fall	Negotiated Settlement 07/2017	BLA-15-001  Cause No.: 01-15-0005-2333	2015-2017

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	(Supported Plaintiff)				
Mr. John E. Tomlinson Beasley, Allen, Crow, Methvin, Portis & Miles, P.C. 218 Commerce Street Montgomery, AL 36104	Plaintiff(s): Sheila D. Keenum, Individually, and as Personal Representative of the Estate of Wendell Joe Keenum, deceased  Defendant(s): E. I. du Pont de Nemours and Company; PPG Industries, Inc.; SEM Products, Inc.; The Valspar Corporation; Rust-Oleum Corporation; O'Reilly; Automotive Stores, Inc.; R. & R. Bumper & Body Supply, Inc.; Detail Supply, LLC; Sam T. Carter Oil Company, Inc.; The Sherwin-Williams Company; Hunt Refining Company; One Shot LLC; Cumberland Products Incorporated; Powers Paper Company, and Fictitious Defendant(s) "1 through 100.  In the Circuit Court of Colbert County, Alabama. (Supported Plaintiff)	Exposure to Paint Products  Deposed by Defendant(s) 09/30/2020	On-going	BEA-16-001  Case #: 20-CV-2016-900050.	2016-Present
Mr. Chris Heavens Heavens Law Firm PLLC 2438 Kanawha Blvd., East Charleston, WV 25311	Plaintiff(s): Dominick Hall Defendant(s): Silicon Processors, Inc. In the Circuit Court of Wood County, WV (Supported Plaintiff)	Personal Injury  Deposed by Defendant(s) 08/09/2017	Negotiated Settlement 10/2017	HEA-15-001  Case No: 15-C-471	2015-2017
Mr. Andrew Lipton Hobson & Bradley 2190 Harrison Beaumont, TX 77701	Plaintiff(s): Herbert C. Cowart Defendant(s): ExxonMobil, Hess, Chevron/Texaco, Keystone Shipping, ConocoPhillips, Canadianoxy Offshore Production Company, Coastal Fuels Marketing Company, Shell Oil Company, Union Carbide Corporation, Signet Maritime Corporation, Kirby Inland Marine, LP, BP Products North America, Marathon Oil Company  14th Judicial District Court, Parish of Calcasieu, State of Louisiana, Division E (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 07/2017	HOB-16-001  Cause No.: 2004-3133	2016-2017
Ms. Jo Anna Pollock The Simmons Firm One Court Street Alton, IL 62002	Plaintiff(s): Gerald Dean Maberry Defendant(s): Shell Oil Company, Equilon Enterprises, LLC, d/b/a Shell Oil Products, US; ConocoPhillips Company; WRB Refining LP; ConocoPhillips WRB Partner LLC; Cenovus GPCO LLC; and, BP Products North America, Inc.  In the Circuit Court for the Third Judicial Circuit, Madison County, IL (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 09/2016	SIM-16-001  Case No.: 15-L-1193	2016
Mr. Robert Black Black Law, PC The Lyric Centre 440 Louisiana, Suite 2400	Plaintiff(s): Gregory A. Justice et al. Defendant(s): Radiator Specialty (DuPont), Savogran; Shell Oil Company (Shell); Sherwin-Williams Company (S-W), W.M. Barr & Company (WM Barr), and US Steel Company	Benzene Exposure	Negotiated Settlement 02/2017	BLA-16-001  Cause No.: 15-CV-0907	2016-2017

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Houston, Texas 77002	In the District Court of Galveston County, TX – 112nd Judicial District (Supported Plaintiffs)				
Mr. Robert Black Black Law, PC The Lyric Centre 440 Louisiana, Suite 2400 Houston, Texas	Plaintiff(s): Nin Koy Defendant(s): Steel Masters, LP, Steel Masters-GP LLC, and J.T. Vaughn Construction, LLC. In the District Court of Harris County, TX – 190 <sup>th</sup> Judicial District (Supported Plaintiff)	Personal Injury - Finger Amputation	Negotiated Settlement 10/2016	BLA-16-002  Civil Cause No: 2015-01-01775	2016
R. Dean Hartley Hartley Law Group, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Lee D. Tanked, Jr. and Cheryl Tankard, his wife. Defendant(s): Advance Auto Parts, Inc.; A.E. Lottes, Co., f/k/a Carquest Auto Parts #1, Inc. d.b.a. Carquest Store #2856; CQ Sourcing, Inc.; Walker Automotive Supply, Inc.; Safety-Kleen Systems, Inc.; CRC Industries, Inc.; 3m Company; and The B'Laster Corporation. In the General Court of Justice, Superior Court Division State of North Carolina, Wake County (Supported Plaintiffs)	Benzene Exposure	Negotiated Settlement 02-01-2020	HAR-16-002  Civil Cause: 16- CVS-2949	2016-2020
Mr. David J. Carney Anapol Weiss One Logan Square 130 N. 18 <sup>th</sup> St. Suite 1600 Philadelphia, PA 19103	Plaintiff(s): David S. Garrison and Laura Timmes-Garrison Defendant(s): Smiths Group, PLC; Saint-Gobain North America, d/b/a Saint-Gobain Performance Plastic Corporation, successor in interest to CHR Industries, Inc., and Dixon Industries Corporation, successor in interest to Penntube Plastics; Compressor Products International, LLC, successor in interest to Plastomer Products; Quaker City Chemicals, Inc.; Exxon Mobil Corporation; E.I DuPont de Nemours and Company, Inc. and W.N. Stevenson, Company Philadelphia County Court of Common Pleas, PA (Supported Plaintiffs)	Benzene Exposure	Negotiated Settlement 03/2018	ANA-16-001  Case No.: 001960	2016-2018
Mr. Chris Heavens Heavens Law Firm PLLC 2438 Kanawha Blvd., East Charleston, WV 25311	Plaintiff(s): Walter H. Jones, Jr. Defendant(s): Family Handyman Services of Barboursville, LLC, George E. Linkous, individually and as owner of Family Handyman Services of Barboursville, LLC, and Absolut Roofing, LLC In the Circuit Court of Kanawha County, WV (Supported Plaintiff)	Personal Injury – Fall from Roof	Negotiated Settlement 10/2017	HEA-16-001  Case No.: 15-C- 2059	2016-2017
Mr. Chris Heavens Heavens Law Firm PLLC 2438 Kanawha Blvd., East Charleston, WV 25311	Plaintiff(s): Paul Michalec and Jennifer Michalec Defendant(s): American Supply Company, Inc. In the Court of Common Pleas, Philadelphia County, PA	Personal Injury – Loading Dock Injury	Testified in Trial 07/07/2017  Decision by	HEA-16-003  Civil Cause No. 000893	2016-2017

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	(Supported Plaintiffs)		Jury for the Plaintiffs \$573,000 07/17/2017		
R. Dean Hartley Hartley Law Group, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Mark A. Fitzpatrick and James Parrish and Monica Parrish, his wife Defendant(s): SAL Chemical Co., Inc., an Ohio Corporation, Chemical Solvents, Inc. an Ohio Corporation, Ball Aerosol and Specialty Containers Inc, f/k/a United States Can Company, an Indiana Corporation, Mall Metal Food Container, LLC f/k/a Ball Metal Food Container Corp., a Delaware LLC. In the Circuit Court of Brooke County, West Virginia (Supported Plaintiffs)	Benzene Exposure	Negotiated Settlement 01/2018	HAR-16-002  Case No.: 14-C-74	2016-2018
Mr. Chris Heavens Heavens Law Firm PLLC 2438 Kanawha Blvd., East Charleston, WV 25311	Plaintiff(s): Heckler Defendant(s): Ricottilli Lumber Company, Inc. Pre-Lawsuit (Supported Plaintiff)	Personal Injury – Sawmill Operations Accident	Cancelled	HEA-16-005	2016-2017
Mr. John (Rett) Guerry III Motley Rice LLC 28 Brigeside Blvd. Mt. Pleasant, SC 29464	Plaintiff(s): Jack S. Edison Defendant(s): CSX Transportation, Inc., individually and as successor-in-interest to Louisville & Nashville Railroad Company In the Circuit Court of Hamilton County, Tennessee (Supported Plaintiff)	Diesel fuel & Exhaust	Negotiated Settlement 08/2017	MOT-16-003  Case No.: 15-C-1407, Division 2	2016-2017
Ms. Jo Anna Pollock Simmons Hanly Conroy One Court Street Alton, IL 62002	Plaintiff(s): Joan Green, on behalf of the Estate of Thomas Albert Green, Deceased Defendant(s): 3M Company, Apex Oil Company, Inc., Clark Oil & Refining Corporation, Premcor Refining Group, Inc., Radiator Specialty Company, Safety-Kleen Corporation, Safety-Kleen Systems, Inc., Turtle Wax, Inc., United States Steel Corporation, et al In the Circuit Court Third Judicial Circuit, Madison County, Illinois (Supported Plaintiff)	Benzene Exposure	Negotiated Settlement 10/31/2018	16-004  Case No.: 15-L-1418	2016-Present
Mr. David J. Carney Anapol Weiss One Logan Square 130 N. 18 <sup>th</sup> St. Suite 1600 Philadelphia, PA 19103	Plaintiff(s): Jean Nelson, Executrix of the Estate of Charles Nelson, III, Deceased Defendant(s): BP Products North America, Inc. individually and as successor in interest to the Standard Oil Company d/b/a SOHIO In the United States District Court for the Eastern District of	Benzene Exposure  Deposed on 06/28/2018	Negotiated Settlement 2018	ANA-16-002  Case No.: 2:16-CV-04888-JP	2016-Present



ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	Pennsylvania (Supported Plaintiff)				
Mr. John (Rett) Guerry III Motley Rice LLC 28 Brigeside Blvd. Mt. Pleasant, SC 29464	Plaintiff(s): Jesse D. Roop Defendant(s): CSX Transportation, Inc., Individually and as Successor-in-Interest to Seaboard System Railroad, Seaboard Coast Line Railroad, Seaboard Air Line Railroad and Atlantic Coast Line Railroad State Court of Chatham County, Georgia (Supported Plaintiff)	Diesel Fuel & Exhaust/Benzene  Deposed on 06/06/2019  Daubert Hearing 6/6/2020 – Motion Denied	Loss Summary Judgment 06/2020	MOT-16-001  Case No. STCV1600137S A	2016-2020
Mr. Colin King Dewsnup King & Olsen Law 36 South State Street, Suite 2400 Salt Lake City, UT 84111-0024	Plaintiff(s): Allan Flandro Defendant(s): Chevron Pipe Line Company, a Delaware Corporation; PacifiCorp, an Oregon Corporation dba Rocky Mountain Power; and Corporation of the President of the of the Church of Jesus Christ of Latter-Day Saints. Third Judicial District Court, Salt Lake County, Utah (Supported Plaintiff)	Chemical Exposure	Negotiated Settlement 03-01-2021	DEW-16-001  Case No. 180905235	2016-2021
Mr. David J. Carney Anapol Weiss One Logan Square 130 N. 18 <sup>th</sup> St. Suite 1600 Philadelphia, PA 19103	Plaintiff(s): James R. Meyer (deceased) and Jeanette Meyer Defendant(s): Atlantic Richfield Company, BP Products North American, Inc., Chevron USA Inc. f/k/a Gulf Oil Corporation, Hess Corporation, ExxonMobil Oil Corporation, Sun Oil Company d/b/a Sunoco Incorporated, Exelon Corporation as parent to Philadelphia Electric Company, Philadelphia Gas Workers, Arcelormittal USA, LLC, United States Steel Corporation, Rohm & Haas Company, J.J. White Incorporated, Nooter Construction Company, Frank Lill & Son, Incorporated, United States Services Group, and Foster Wheeler Zack, Inc. Court of Common Pleas Philadelphia County, PA, Civil Division Supported Plaintiffs)	Benzene Exposure	Negotiated Settlement 01/2018	ANA-16-002  Case No. 15-07 -02328	2017-2018
Mr. Guy Bucci Bucci Bailey & Javins LC 112 Capitol Hill, Suite 200 Charleston, WV 25301	Plaintiff(s): Jo Ann Gore Defendant(s): The Kroger Company, an Ohio Corporation United States District Court for the Southern District of West Virginia at Charleston (Supported Plaintiff)	Personal Injury – Fall in Store	Negotiated Settlement 07/2017	BUC-17-001  Civil Action No.: 2:16-cv-09223	2017
Mr. Robert Black Black Law, PC The Lyric Centre 440 Louisiana, Suite 2400 Houston, Texas	Plaintiff(s): Leo Lippold and Stacy Lippold Individually, and as next friends for XXXXX XXXXXXXX, a Minor Defendant(s): A-Pro Top Construction, RRE Armand Place Holding, LLC and Resource Real Estate Management Company In The District Court of Harris County, Texas 152nd Judicial District. (Supported Plaintiffs)	Personal Injury – Pool Fence Injury to Child – Spike Through Neck	Negotiated Settlement 10/2017	BLA-17-001  Cause No.: 2016-11087	2017

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Mr. Brian Fritz Fritz Goldenberg & Bianculli 1515 Market Street, Suite 705 Philadelphia, PA 19102	Plaintiff(s): Thomas Timlin and Wendy Timlin, H/W Defendant(s): BP America, Inc., a/k/a BP Corporation, a/t/a Tosco, Sunoco, Inc. (R&M); Sunoco Partners Marketing and Terminals, LP; Sunoco Logistics Partners, LP; Sunoco Partners, LLC; Sunoco Chemicals, Inc.; Conoco Phillips; Phillips Petroleum Company; Chevron U.S.A, Inc.; Chevron Corporation; Braskem American, Inc.; Braskem S/A; Philadelphia Energy Solutions, LLC; Philadelphia Energy Solutions Refining & Marketing, LLC; Energy Transfer Partners GP, LP; Energy Transfer Partners, LLC; Energy Transfer Partners GP, LP; Citrus Corporation; Kinder Morgan, Inc., The Carlyle Group, LP; Carlyle Management Group Partners, LP; Carlyle Group Management, LLC; Epsilon Products Company, LLC; Honeywell, Inc.; Honeywell International, Inc.; Monroe Energy, LLC; Monroe Energy a/k/a MIPC, LLC, and/or MIPC, LLC. Court of Common Pleas Philadelphia County, PA (Supported Plaintiffs)	Benzene Exposure	Negotiated Settlement 02/2018	FRI-17-001  Case No.: 15-06-062709  Docket No.: 004033	2017-2018
Mr. Chris Heavens Heavens Law Firm PLLC 2438 Kanawha Blvd., East Charleston, WV 25311	Plaintiff(s): Darrell Fint Defendant(s): Brayman Construction, a Foreign Corporation In the United States District Court for the Southern District of West Virginia (Supported Plaintiff)	Personal Injury	Negotiated Settlement 04/2019	HEA-17-001  Civil Action No. 5:17-CV-04043	2017-2019
Mr. Andrew Lipton Hobson & Bradley 2190 Harrison Beaumont, TX 77701	Plaintiff(s): Arthur Whitfield Defendant(s): Alaska Tanker Company; Alyeska Pipeline Service Company; BP American Inc.; BP Amoco Chemical Company; BP Corporation North America, Inc.; BP Pipelines (Alaska), Inc.; BP Pipelines (North America), Inc.; BP Products North America, Inc.; Chevron Corporation, individually and as successor to Union Oil Company of California (Unocal) and Unocal Pipeline Company; Chevron USA, Inc.; ConocoPhillips Alaska, Inc.; ConocoPhillips Company; ConocoPhillips Transportation Alaska, Inc.; Crowley Marine Services, Inc., individually and as successor to Marine Transport Lines; Crawley Maritime Corporation, individually and as successor to Marine Transport Lines; Hess Corporation; Keystone Shipping Company, individually and successor to Shipco 669 Inc. and Shipco 2296 Inc.; Marine Transport Lines, Inc.; Petro-Diamond, Inc.; Petro-Diamond Terminal Company; Phillips 66 Company; Phillips 66 Pipeline, LLC; and Shell Chemical, LP. In the District Court of Jefferson County, TX, 172nd Judicial District (Supported Plaintiff)	Benzene Exposure	On-Going	HOB-17-001  Cause No: E-198,379	2017-Present

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Mr. Todd McPharlin Kelley Uustal 500 N. Federal Highway, Suite 200 Fort Lauderdale, FL 33301	Plaintiff(s): Polly O'Hara Defendant(s): HomeGoods, Inc. and Martha Prophete In the Circuit Court of the 17th Judicial Circuit in and for Broward County, Florida (Supported Plaintiff)	The standard of care required to protect workers and customers.  Deposed on 04/12/2017	Negotiated Settlement 05/2018	KEL-17-001  Case No.: CACE16- 007612	2017-2018
Mr. Craig Harris Trentalange & Kelley, P.A. 218 N. Dale Mabry Highway Tampa, FL 33609	Plaintiff(s): James R. Barber Defendant(s): Precision Shooting Equipment, Inc. In the Circuit Court of the Thirteenth Judicial Circuit in and for Hillsborough County, Florida (Supported Plaintiff)	PSE TAC Elite Crossbow Failure  Deposed on 06/30/2017	Negotiated Settlement 05/2018	TRE-17-001  Case No. 2016- CA-005728-G	2017-2018
Mr. John (Rett) Guerry III Motley Rice LLC 28 Brigeside Blvd. Mt. Pleasant, SC 29464	Plaintiff(s): Judith Rosser, Individually and as Executrix of the Estate of Hayden Eugene Rosser, Dec Defendant(s): Norfolk Southern Railway Company, Individually and as Successor to Southern Railway Company, A Virginia Corporation In the United States District Court for the Middle District, North Carolina	Diesel Fuel & Exhaust and Benzene  Deposed on 11/28/2017	Negotiated Settlement 05/2018	MOT-17-003  Case No.: 1: 16-CV-4-01	2017-2018
Mr. Guy Bucci Hendrickson & Long PLLC 112 Capitol Hill, Suite 200 Charleston, WV 25301	Plaintiff(s): Cantrell Defendant(s): STAT Pre-Lawsuit (Supported Plaintiff)	Personal Injury (Slip, Trip and Fall)  Prepared Report	Negotiated Settlement 10/2018	HEN-17-002	2017-2018
Mr. Brian Madden Wagstaff & Cartmell, LLP 4740 Grand Avenue, Suite 300 Kansas City, MO 64112	Plaintiff(s): Mary Johnson et al. Defendant(s): Zill, LLC, MHS Environmental, Inc., et al. & The City of Kansas City, MO; The Kansas City Public Schools USD 33 a/k/a Kansas Public Schools, Land Bank of Kansas City Missouri, Brandon Dixon and Tiara Dixon, Inner City Oil Company, Inc. and Renee Wiggs and Bill Wiggs (third-party Defendant(s)) In The Circuit Court of Jackson County, Missouri at Kansas City (Supported Plaintiff)	Petroleum Contamination at/near Home  Deposed on 12/06/2017	Negotiated Settlement 10/2018	WAG-17-001  Case No.: 1616-CV01151	2017-2018
Mr. Lon Walters The City Market 23A East Third Street Kansas City, MO 64106	Plaintiff(s): James Petrechko Defendant(s): BP Corporation North America Inc. and BP Products North America Inc. – Former American Oil Company (AMOCO) Site In the Circuit Court of Jackson County, Missouri at Independence (Supported Plaintiff)	Benzene Exposure  Deposed on 1/10/2018	Negotiated Settlement 03/2018	WAL-17-001  Case No.: 1616-CV26094	2017-2018
R. Dean Hartley Hartley Law Group, PLLC	Plaintiff(s): Elijah P. Morris and Shirley J. Morris, his wife Defendant(s): Constellium Rolled Products Ravenswood,	Aromatic, Chlorinated, and	Negotiated Settlement	HAR-17-004	2017-2018

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	LLC, individually and as successor-in Interest to Kaiser Aluminum, Corporation, Ravenswood Aluminum Corporation, Century Aluminum Corporation of West Virginia, Inc., Pechiney Rolled Products, LLC, Alcan Rolled Products-Ravenswood, Rio Tinto Alcan, Inc., and Apollo Global Management, LLC, a Delaware Limited Liability Company et al. In the Circuit Court of Jackson West Virginia (Supported Plaintiffs)	Various Cutting Oils, Mists	2018	Civil Action No. 14-C-80	
Mr. John (Rett) Guerry III Motley Rice LLC 28 Brigeside Blvd. Mt. Pleasant, SC 29464	Plaintiff(s): Wendy Smith, Individually and as Personal Representative for the Estate of Jeremy O. Smith, Deceased Defendant(s): CAN Holdings, Inc. et al. State of South Carolina, County of Spartanburg, Court of Common Pleas, Seventh Judicial Circuit (Supported Plaintiff)	Diesel Fuel & Exhaust/Benzene  Deposed on 6/04/2019	Negotiated Settlement 08/2019	MOT-17-004  Case No.: 2017-CP-4202983	2017-2019
R. Dean Hartley Hartley Law Group, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Dora Carbajal de Vences and Jose Luis Vences Sotelo, her husband Defendant(s): MAAX US Corp., Individually and as Successor-in-Interest by Aker Plastics Co., Inc., a Delaware Corporation; AOC, LLC; Arkema, Inc.; Axson US, Inc.; CTG International; Edgemate, Inc.; Evonik Corp.; Illinois Tool Works, Inc.; Jotun Paints, Inc.; Jowat Corporation; The Matchless Metal Polish Company; Multi-Tech Products, LLC; Performance Mineral Corp.; Sasol Chemicals North America, LLC; TR Industries, LLC; 3M Company, Individually and as Successor-by-Merger for/to Bondo Company; US Compliance Corp. In the Circuit Court of Berkley County, West Virginia (Supported Plaintiffs)	Chemical Exposure  Deposed 06/25-26, 2019	Negotiated Settlement 01/2020	HAR-17-002  Case No.: 17-C-98	2017-2020
Ms. Diana H. Crutchfield Berry, Kessler, Crutchfield, Taylor and Gordon 514 Seventh Street Moundsville, WV 26041 Mr. Guy Bucci Hendrickson & Long 214 Capitol Street Charleston, WV 25301	Plaintiff(s): Mr. Frank David Fullerton and Penny K. Fullerton Defendant(s): Bayer Corporation, an Indiana Corporation; Bayer MaterialScience, LLC, a Delaware Corporation; Covestro, LLC, a Delaware Corporation; Robert Baxter, Individually; Gary Durig, Individually; and Robert Greathouse, Individually Circuit Court of Marshall County, West Virginia (Supported Plaintiffs)	TDI Exposure  Deposed on 06/13/2019	Negotiated Settlement 09/2020	BER-17-001  Civil Action No.: 11-C-197 K	2017-2020
Ms. Jo Anna Pollock Simmons Hanly Conroy One Court Street Alton, IL 62002	Plaintiff(s): James Andrew Spalo, an individual; and Mary Spalo, an individual Defendant(s): Union Pacific Railroad Company, Safety-Kleen Corporation, and Safety-Kleen Systems, Inc., et al.	RR Worker  Deposed on 01/18/2019	Negotiated Settlement 02/2019	SIM-18-001  Case No.: 2017 L 3103	2018-2019

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	In the Circuit Court of the First Judicial Circuit, Cook County, State of Illinois (Supported Plaintiffs)				
R. Dean Hartley Hartley Law Group, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Judy Caruthers, Individually and as Administratrix of the Estate of Johnny Caruthers, Deceased Defendant(s): 3M Company, a Delaware Corporation; Ashland, LLC, a Kentucky Corporation; B'Laster Corporation, an Ohio Corporation; Castle Product, Inc., a New York Corporation; CRC Industries, Inc., a Pennsylvania Corporation; Exxon Mobil Corporation, a New Jersey Corporation; General Truck Sales Corporation, a West Virginia Corporation; Genuine Parts Company, D/B/A NAPA Auto Parts, a Georgia Corporation; Henkel Corporation, a Delaware Corporation; ITW Polymers Sealants North America, Inc., D/B/A ITW Pro Brands and or LPS, a Texas Corporation; Oliver Fuels & Oils, Inc., a West Virginia Corporation; Radiator Specialty Company, a North Carolina Corporation; Safety-Kleen Systems, Inc., a Wisconsin Corporation; Shamrock Specialties, Inc., a Texas Corporation; Walker Machinery, Co., a West Virginia Corporation; and ZEP, Inc., a Delaware Corporation, Defendant(s) In the Circuit Court of Putnam County, West Virginia. Honorable Judge Stowers (Supported Plaintiff)	Benzene Exposure	On-going	HAR-17-003  Case No.: 18-C-83	2017-Present
Weitz & Luxenberg P.C. Ms. Robin Greenwald Mr. Jerry Kristoff 700 Broadway New York, NY 10003  Levin Papantonio Thomas Mitchell Rafferty & Proctor, P.A. 316 South Baylen Street Pensacola, FL 32502	Plaintiff(s): Chaplick, Kyle; Cole, Dean; Cook, Bryan; Gatewood, Stephen; Gatewood, Vicki; Haley, Richard; Hammond, Marcus; Jenkins, Lafayette; Karr, Joshua; Miller, Robert; Puchbauer, Michael; Sanders, Deion; Sessions, Joseph; Winston, Walter. Defendant(s): Monsanto Company In the Circuit Court of the City of St. Louis, State of Missouri (Supported Plaintiffs)	Exposure to Roundup  Deposed 7/9, 10, & 11/2019 & 7/25-26/2019  Daubert Motion filed on 9/11/2019; – never ruled on.	Negotiated Settlement 06/2020	LEV-18-001  Case No.: 1822-CC00515	2018-2020
R. Dean Hartley Hartley Law Group, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Thomas E. Kemp, Jr. and Kelly Kemp, his wife Defendant(s): Sal Chemical Company, Inc. an Ohio Corporation; Superior Solvents, Inc. (Superior Oil Company, Inc.), d/b/a Superior Solvents and Chemicals, an Indiana corporation; The Valspar Corporation, a Delaware corporation; Karcher North America, Inc., d/b/a Hotsy, a Delaware corporation; Tier Environmental Services, Inc., as successor-in-interest to Hukill Chemical Corporation, a Delaware corporation; Jenkin-Guerin, Inc., a Missouri	Exposure to Chemicals  Deposed on 1/23/2019	Negotiated Settlement 07/2019	HAR-18-002  Civil Action No.: 16-C-21	2018-2019

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	corporation; ZEP Inc., as successor-in-interest to Selig Industries, a Delaware corporation; The Sherwin-Williams Company, an Ohio corporation; and Acuity Specialty Products, Inc. a Georgia corporation. In the Circuit Court of Brooke County, West Virginia. Honorable Ronald E. Wilson. (Supported Plaintiffs)				
R. Dean Hartley Hartley Law Group, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Donald August Alexander and Fran Alexander, his Wife. Defendant(s): Koppers, Inc., a Pennsylvania Corporation; Southeast Ohio Auto Parts, Inc., d/b/a NAPA of Wellsburg, a Georgia Corporation; Kano Laboratories, Inc., a Tennessee Corporation; Sal Chemical Co., Inc., an Ohio Corporation; CRC Industries, Inc., a Pennsylvania Corporation; The B'Laster Corporation, an Ohio Corporation; and Safety-Kleen Systems, Inc., a Wisconsin Corporation. In the Circuit Court of Brooke County, West Virginia. (Supported Plaintiffs)	Exposure to Chemicals  Deposed on 1/27/2021	On-Going	HAR-18-003  Civil Action No.: 16-C-35	2018-Present
R. Dean Hartley Hartley Law Group, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Jay Bradford Crofford Defendant(s): Koppers, Inc., a Pennsylvania Corporation; Southeast Ohio Auto Parts, Inc., d/b/a NAPA of Wellsburg, a Georgia Corporation; Kano Laboratories, Inc., a Tennessee Corporation; Sal Chemical Co., Inc., an Ohio Corporation; CRC Industries, Inc., a Pennsylvania Corporation; The B'Laster Corporation, an Ohio Corporation; and Safety-Kleen Systems, Inc., a Wisconsin Corporation. In the Circuit Court of Brooke County, West Virginia (Supported Plaintiff)	Exposure to Chemicals	On-Going	HAR-18-004  Civil Action No.: 18-C-78	2018-Present
Metzger Law Group Raphael Metzger 401 E. Ocean Blvd., Ste. 800 Long Beach, CA 90802	Plaintiff(s): Johnny Nelson Blake and Kathleen Mary Blake Defendant(s): Akzo Nobel Coatings, Inc., as successor by acquisition to Devoe Coatings and Sinclair Paint Company, an Illinois Corporation; Benjamin Moore & Company, a New Jersey Corporation; Carboline Company, a Missouri Corporation; Castrol Industrial North America, Inc., a Texas Corporation; Dunn-Edwards Corporation, a California Corporation; Ellis Paint Company, a California Corporation; Ennis-Flint as successor by acquisition to Pervo Paint Company, a North Carolina Corporation; Illinois Tool Works, Inc., a Delaware Corporation; Jotun Paints, Inc., a Louisiana Corporation; Magnaflux Corporation, a Delaware Corporation; PPG Industries, Inc., as successor by acquisition to Ameron International Protective Coatings Group, a Pennsylvania Corporation; Rexnord Corporation, as successor by	Benzene Exposure	Negotiated Settlement 04/2019	MET-18-001  Case No.: BC616881; Honorable Terry A. Green, Dept. 14	2018-2019



ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	acquisition to the Falk Corporation, a Wisconsin Corporation; Rust-Oleum Corporation, an Illinois Corporation; Safety-Kleen Systems, Inc., a Massachusetts Corporation; The Steco Corporation, an Arizona Corporation; Pervo Paint Company, a California Corporation (previously sued herein as Doe #1); BASF Corporation, a Delaware Corporation (previously sued herein as Doe #2); PFI, Inc., a California Corporation (previously sued herein as Doe #3); PPG Industries, Inc. a Pennsylvania Corporation (previously sued herein as Doe #4); The Valspar Corporation, a Delaware Corporation (previously sued herein as Doe #5); The Sherwin-Williams, Company, an Ohio Corporation (previously sued herein as Doe #6); Tyco International (US), Inc., a Massachusetts Corporation (previously sued herein as Doe #7); W. M. Barr & Company, Inc. a Tennessee Corporation (previously sued herein as Doe #8); CRC Industries, Inc., a Pennsylvania Corporation (previously sued herein as Doe #9); 3M Company, a Delaware Corporation (previously sued herein as Doe #10); Aervoe Industries, Inc. a Nevada Corporation (previously sued herein as Doe #11); Krylon Products Group, an Ohio Corporation (previously sued herein as Doe #12); Axalta Coating Systems, LLC, as successor by acquisition to Pacific Coats Lacquer, a Delaware Limited Liability Company (previously sued herein as Doe #13); Seymour of Sycamore, Inc., an Illinois Corporation (previously sued herein as Doe #14); and Does 15-200, Inclusive. In the Superior Court of the State of California, County of Los Angeles, Central District (Supported Plaintiffs)				
Mr. Lon Walters The Walters Law Firm The City Market 23A East Third Street Kansas City, MO 64106	Plaintiff(s): Peggy Petrovic, Individually and as Plaintiff ad litem for Alexander Petrovic, Jr., deceased Defendant(s): BP Corporation North America Inc. and BP Products North America Inc. – Former American Oil Company (AMOCO) Site. Circuit Court of Jackson County, Missouri at Independence (Supported Plaintiffs)	Benzene Exposure  Deposed on 3/13/2020	On-going	WAL-18-001  Cause No.: 1716-cv24363; Division 5	2018-Present
Mr. Jeff Gaddy Mr. Wesley Bowden Levin Papantonio 316 Baylen Street Pensacola, FL 32502	Plaintiff(s): Wayne D. McClung Defendant(s): E.I. du Pont de Nemours and Company Circuit Court of Wood County, West Virginia (Supported Plaintiff)	C-8 Exposure	Negotiated Settlement 03/2019	LEV-18-002  Civil Action No.: 17-C-223	2018-2019
Mr. Guy Bucci Mr. Scott Long Hendrickson & Long PLLC	Plaintiff(s): EQT Gathering, LLC Defendant(s): The Travelers Indemnity Company and	Gas Pipeline Explosion Wrongful Death	Negotiated Settlement 04/2019	HEN-18-001  Civil Action No.	2018-2019

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
214 Capitol St. Charleston, WV 25301	Travelers Casualty Company of America In the United States District Court for the Southern District of West Virginia at Charleston (Supported Plaintiff)			2:18-cv-00392	
Mr. John (Rett) Guerry III Motley Rice LLC 28 Brigeside Blvd. Mt. Pleasant, SC 29464	Plaintiff(s): Roach Defendant(s): CSX, Seaboard Coastline and Atlantic Coastline (Supported Plaintiff)	Diesel Fuel, Herbicides, Fungicides, Fertilizers, Spectracide, Pesticides and Organic Chemicals	Negotiated Settlement 01/2021	MOT-18-005	2018-2021
Mr. John (Rett) Guerry III Motley Rice LLC 28 Brigeside Blvd. Mt. Pleasant, SC 29464	Plaintiff(s): Logan Dodd Defendant(s): L&N/CSX Railroad (Supported Plaintiff)	Diesel Fuel & Exhaust/Benzene/ Asbestos	Negotiated Settlement 04/2021	MOT-18-004	2018-2021
Mr. John (Rett) Guerry III Motley Rice LLC 28 Brigeside Blvd. Mt. Pleasant, SC 29464	Plaintiff(s): Dale E. Price, Executor of the Estate of Gary E. Price, Deceased. Defendant(s): Consolidated Rail Corporation a/k/a American Premier Underwriters, Inc., Individually and as Successor-in-Interest-or-Liability to Penn Central Transportation Company, and/or The Pennsylvania Railroad Company In the Court of Common Pleas of Allegheny County, PA – Civil Action – Asbestos (Supported Plaintiff)	Diesel Fuel, Diesel Exhaust, Creosote, and Asbestos	On-going	MOT-18-002  Case No.: GD 19-006889	2018-Present
Mr. John (Rett) Guerry III Motley Rice LLC 28 Brigeside Blvd. Mt. Pleasant, SC 29464	Plaintiff(s): Edward Arthur Johnson Defendant(s): CSX Transportation, Inc., Individually and as Successor-in-Interest to Louisville & Nashville Railroad Company and Seaboard Coast Line Railroad In the Circuit Court of Davidson, Tennessee (Supported Plaintiff)	Diesel Fuel & Exhaust/Benzene/ Asbestos	On-going	MOT-18-001  Case No. 19C105	2018-Present
J. Robert Black Black Law, PC 3701 Kirby Dr., Suite 101 Houston, TX 77098	Plaintiff(s): Eva Garcia Gonzales, Individually and as Personal Representative of the Estate of Ricardo S. Gonzales, deceased; Katherine G. Sanchez; Amanda Gonzales-Todd; and Joseph P. Gonzales. Defendant(s): Waukesha-Pearce, LLC; Ace Hardware Corporation; Berryman Products, Inc.; BP Amoco Chemical Company; BP Products North America, Inc.; BP Corporation North American, Inc.; Chevron, USA, Inc.; CRC Industries, Inc.; CTR Petroleum, Inc.; The Dow Chemical Company; E. I. DuPont De Nemours & Company; ExxonMobil Oil Corporation; Radiator Specialty Company; Safety-Kleen Corp., Safety-Kleen Systems, Inc.; Shell Oil, Co.; Total	Benzene Exposure	Negotiated Settlement 05/2019	BLA-18-001  Case No: 2018-21475	2018-2019

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	Petrochemicals & Refining USA, Inc.; Union Oil Company of California; United States Steel Corporation. In the District Court of Harris County, Texas, 281st Judicial District. (Supported Plaintiffs)				
Mr. John (Rett) Guerry III Motley Rice LLC 28 Brigeside Blvd. Mt. Pleasant, SC 29464	Plaintiff(s): James Ray Defendant(s): Kansas City Southern Railroad	Diesel Fuel & Exhaust/Benzene/Asbestos	Negotiated Settlement 06/2021	MOT-19-002	2019-2021
R. Dean Hartley Hartley Law Group, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Michael D. Ruble and Brenda K. Ruble, his wife. Defendant(s): Rust-Oleum Corporation; RPM International; Inc., Zinsser Company, Inc., individually and as successor-in-interest to New Parks, a New Jersey corporation; Zinsser Company, Inc., d/b/a New Parks, a division of Zinsser Company, Inc., a New Jersey corporation; New Parks, a division of Zinsser Company, Inc., a New Jersey corporation; E. I. DuPont de Nemours and Company; Akzo Nobel, Inc., f/k/a Akzo America, Inc., individually and as successor-in-interest to Akzo Nobel Functional Chemicals, LLC and Akzo Nobel Chemicals, Inc., a Delaware corporation; Akzo Nobel Functional Chemicals, LLC; Akzo Nobel Chemicals, Inc.; Bayer Corporation; Bayer CropScience; Monsanto Company; The Early Construction Company; Advansix, Inc.; Altiva Petrochemicals, LLC; Brenntag Great Lakes, LLC; Brenntag Great Lakes, LLC; Brenntag Mid-South, Inc.; Citgo Petroleum Corporation; Exxon Mobil Corporation; FBC Chemical Corporation; Matriz Chemical, LLC; Nexeo Solutions, LLC; the Yenkin-Majestic Paint Corporation; Special Materials Company; and Univar Solutions, Inc., individually and as successor-by-merger to Nexeo Solutions, LLC, a Delaware corporation. In the Circuit Court of Cabell County, West Virginia (Supported Plaintiffs)	Exposure to Chemicals	On-Going	HAR-19-001  Case No. 19-C-127	2019-Present
R. Dean Hartley Hartley Law Group, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Mark Ady, Administrator of the Estate of Glenn R. Ady, Deceased Defendant(s): Shell Chemical LP, a Delaware limited partnership, d/b/a Shell Oil Company, et al. In the Circuit Court of Marshall County, West Virginia (Supported Plaintiff)	Formaldehyde Exposure	Negotiated Settlement 2019	HAR-19-003  Case No. 14-C-51K	2019
Weitz & Luxenberg P.C. Ms. Robin Greenwald Mr. Jerry Kristoff 700 Broadway	Plaintiff(s): Robert Dickey, Larry Domina, Royce Janzen, Yolanda Mendoza, Frank Pollard, John Sanders, & Frank Tanner	Exposure to Roundup  Deposed 11/5 & 6/2019	Negotiated Settlement 06/2020	WL-19-001  Case No. 3:16-cv-05658-	2019-2020

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
New York, NY 10003  Levin Papantonio Thomas Mitchell Rafferty & Proctor, P.A. 316 South Baylen Street Pensacola, FL 32502	Defendant(s): Monsanto Company United States District Court, Northern District of California (Supported Plaintiffs)	Daubert Motion filed on 11/26/2019 – Decision moved to Local Federal Courts – Never Ruled On.		VC MDL No. 2741	
R. Dean Hartley Hartley Law Group, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Lee Roy Rodgers Defendant(s): Chevron Mining, Inc., Successor by Merger of Molycorp, Inc. & Union Oil Company of California and Unocal Corporation; The B'Laster Corporation, BP Corporation North America, Inc.; and the Henkel Corporation. In Court of Common Pleas, Washington County, PA. (Supported Plaintiff)	Thorium, Uranium, and Benzene Exposures	Negotiated Settlement 02/2020	HAR-19-004  Case No.: 2016-1836	2019-2020
R. Dean Hartley Hartley Law Group, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Mary Kay Virden, individually and as Executrix of the Estate of Charles E. Virden, deceased. Defendant(s): Covestro, LLC, as successor-in-interest to BayerMaterial Science, LLC a wholly owned affiliate of Bayer Corporation, which was formerly known as Miles, Inc., successor-in-interest to Mobay Corporation and Bayer U.S.A, a Pennsylvania limited liability company; Ashland LLC, a Kentucky limited liability company; Avantor, Inc., f/k/a Avantor Performance Materials d/b/a and successor to Mallinckrodt Baker, Inc., J.T. Baker, Inc., J.T. Baker Chemical Company, and VWR Corporation, a Delaware corporation; BP Amoco Chemical Company, as successor-in-interest to BP Chemicals, Inc., a Delaware Corporation; BP Products North America, Inc., successor-in-interest to BP Exploration & Oil, Inc., d/b/a BP Oil Company, a Maryland Corporation; Celanese Corporation, Successor-in Interest to Celanese AG, Hoechst Celanese Corporation and Celanese Chemicals, a Delaware Corporation; Chevron U.S.A., Inc., as successor-in-interest by merger to Union Oil Company of California and as successor-in-interest to UNOCAL Corp., a California Corporation; Exxon Mobil Corporation, a Delaware Corporation; Hess Corporation, f/k/a Hess Oil and Chemical Corporation, a New York corporation; Hexion Inc., formerly known as Momentive Specialty Chemicals, Inc., Successor-in-Interest to Hexion Specialty Chemicals, Inc., a Bordon Chemical, Inc., and Borden, Inc., a New Jersey corporation; Shell Chemical, LP, d/b/a Shell Oil Company, a Delaware limited partnership; Sunoco (R&M), LLC, successor-in-interest to Sun Company, Inc. (R&M), a Pennsylvania limited liability company; Tauber Oil Company, a Texas Corporation; Texaco, Inc., a Delaware corporation; Thermo Fisher	Exposure to Benzene and Benzene-Containing Chemicals	On-Going	HAR-19-005  Case No.: 19-C-252 C	2019-Present

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	Scientific Inc., a successor-by-merger to Fisher Scientific International, Inc. successor to and f/k/a Fischer Scientific Company, a Delaware, Corporation; United States Steel Corporation, successor-in-interest to USX Corporation, USS chemicals Division, a Delaware Corporation; Valero Refining-Texas, L.P., as successor-in-interest by acquisition to Basis Petroleum, Inc., f/k/a Phibro Energy USA, Inc., a Delaware limited partnership. In the Circuit Court of Marshall County, West Virginia (Supported Plaintiff)				
J. Robert Black Black Law, PC 3701 Kirby Dr., Suite 101 Houston, TX 77098	Plaintiff(s): Aaron Augustine Defendant(s): DeBusk Services Group and Lubrizol. In the United States District Court Southern District of Texas Houston Division (Supported Plaintiff)	Chemical Burns to Feet and Ankles – Acrylonitrile Exposure	Negotiated Settlement 03/2020	BLA-19-003  Case No.: 4:19-cv-02157	2019-2020
Mr. John (Rett) Guerry III Motley Rice LLC 28 Brigeside Blvd. Mt. Pleasant, SC 29464	Plaintiff(s): Charles E. Caton, Jr., aka Charles Caton Defendant(s): CSX Transportation, Inc. (CSXT); c/o CT Corporation System Statutory Agent, 4400 Easton Commons Way, Suite 125, Columbus, OH 43219; and Consolidated Rail Corporation (CONRAIL); 1717 Arch Street, Suite 1310, Philadelphia, PA 19103-2844; and American Premier Underwriters, Inc. (APU), Individually and as Successor-in-interest to The Penn Central Transportation Company, c/o CT Corporation System Statutory Agent, 4400 Easton Commons Way, Suite 125, Columbus, OH 43219 Court of Common Pleas of Hamilton County, Ohio (Supported Plaintiffs)	Diesel Fuel & Exhaust/Benzene/Asbestos	Negotiated Settlement 03/2020	MOT-19-003  Case No.: A1903216	2019-2020
Weitz & Luxenberg P.C. Ms. Robin Greenwald Mr. Jerry Kristoff 700 Broadway New York, NY 10003.  Levin Papantonio Thomas Mitchell Rafferty & Proctor, P.A. 316 South Baylen Street Pensacola, FL 32502	Plaintiff(s): Timothy Kane et al. (Crabtree, Edwin; Dela Cruz, Thomas; Dyer, Angela; Haynes, Rosita; and Ramirez, Ron). Defendant(s): Monsanto Company In the Circuit Court of the City of St. Louis, State of Missouri. (Supported Plaintiffs)	Exposure to Roundup  Deposed 12/3 & 4/2019	Negotiated Settlement 06/2020	WL-19-002  Case No. 1622-CC10172	2019-2020
Weitz & Luxenberg P.C. Ms. Robin Greenwald Mr. Jerry Kristoff 700 Broadway New York, NY 10003.	Plaintiff(s): Leroy Seitz, et al. (Cannon, Mario; Jenkins, Larry; Pinnon, Jerry; and Sorich, Scott). Defendant(s): Monsanto Company In the Circuit Court of the City of St. Louis, State of Missouri. (Supported Plaintiffs)	Exposure to Roundup  Deposed 1/15 & 16/2020	Negotiated Settlement 06/2020	WL-19-003  Case No. 1722-CC11325	2019-2020

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Levin Papantonio Thomas Mitchell Rafferty & Proctor, P.A. 316 South Baylen Street Pensacola, FL 32502					
Nadina Beach Lundy Soileau & South, LLP 501 Broad Street Lake Charles, Louisiana 70601	Plaintiff(s): LaTwon Whitby Defendant(s): Monsanto In the Circuit Court of the County of St. Louis, State of Missouri. (Supported Plaintiff)	Exposure to Roundup  Deposed on 2/7/2020	Negotiated Settlement 06/2020	LUN-19-001  Case No.: 19SL-CC04020	2019-2020
Mr. Christopher Heavens 2438 Kanawha Blvd. East Charleston, WV 25311	Plaintiff(s): Justin Butcher and Jennifer Butcher Defendant(s): Halliburton Energy Services, Inc., a Delaware Corporation, Antero Resources Corporation, a Delaware Corporation, and Safety Management Systems, LLC, a Louisiana Corporation. In the United States District Court for the Northern District of West Virginia, Clarksburg. (Supported Plaintiff)	Work-related Amputation/Injury	On-going	HEA-19-001  Civil Action No. 1:20cv74 (Kleeh)	2019-Present
Mr. John E. Tomlinson Beasley, Allen, Crow, Methvin, Portis & Miles, P.C. 218 Commerce Street Montgomery, AL 36104	Plaintiff(s): Hollis D. Graham and Shirley Graham Defendant(s): 3M Company; American Offset Printing Ink; Anchor/Lith-Kem-Ko, Incorporated, a Subsidiary of Fugifilm Hunt Chemicals USA, Incorporated; Fugifilm Hunt Chemicals USA, Incorporated, d/b/a and Parent and Successor to Anchor/Lith-Kem-Ko, Incorporated; Day International, Inc.; Deleet Merchandising Corp.; Flint Group US, LLC; Fujifilm Hunt Chemicals USA, Inc.; Printer Service d/b/a Prisco; Rogersol, Inc., Rycoline Products, Inc., a Division of Sun Chemical Commercial Group a/k/a Rycoline Products, LLC and Successor to Rogersol, Inc.; Sun Chemical Corporation, Individually and a Parent and Successor to Rycoline Products, LLC, a/k/a Rycoline Products, Inc. and Successor to Rogersol, Inc.; Varn International, d/b/a Varn Products Company; Day International, Inc., Individually and as Successor to and d/b/a Varn Products Company. In the United States District Court, Northern District of Alabama, Southern Division (Supported Plaintiffs)	Exposure to Printing Products	Negotiated Settlement 12/2020	BEA-20-001  Case #: 2:18-cv-1362-RDP.	2020
R. Dean Hartley Hartley Law Group, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Frederick R. Eastman and Janet L. Eastman, his wife. Defendant(s): Sunoco, Inc.; Texaco, Inc.; Exxon Mobil Corp.; BP Amoco Chemical Company; BP Products North America, Inc.; 3-M Company; CRC Industries, Inc., Advanced Auto Parts, Inc. The B'Laster Corporation; Radiator Specialty	Exposure to Chemicals	On-going	HAR-20-001	2020-Present



ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	Company; United States Steel Corporation; Safety-Kleen Systems, Inc.; Kano Laboratories; Valvoline, Inc.; Rust-Oleum Corporation; The Testor Corp.; E.I. DuPont de Nemours & Company; The Sherwin-Williams Company; The Valspar Corporation; Autozone, Inc.; Pennzoil-Quaker State Company; W.M Barr & Company, Inc.; PPG Industries, Inc.; AGS Company Solutions, LLC; Sig Manufacturing Company, Inc.; Automotive Systems Warehouse, Inc.; Niteo Products, LLC; Illinois Tool Works, Inc.; Chase Products Company; Wilson Imperial Company; Zep, Inc. In the Court of Common Pleas of Allegheny County, Pennsylvania (Supported Plaintiffs)				
Mr. Kristofer Cormany Cormany Law, PLLC P.O. Box 11827 206 Capitol Street Charleston, WV 25339	Plaintiff(s): Lori Harrison, Administratrix of the Estate of Sarah Cain, Deceased. Defendant(s): Go-Mart, Inc., a West Virginia Corporation, and Heater Oil Company, Inc., a West Virginia Corporation. In the Circuit Court of Putnam County, West Virginia (Supported Plaintiff)	Exposure to Chemicals in Go-Mart Bathroom – Death of Women and Fetus	Negotiated Settlement February 2021	COR-20-001 Civil Action No.: 19-C-115	2020-2021
J. Robert Black Black Law, PC 3701 Kirby Dr., Suite 101 Houston, TX 77098	Plaintiff(s): James Crabtree and Brenda Crabtree Defendant(s): Atlantic Richfield Company; Bayer Corporation; Berryman Products, Inc.; Celanese Corporation; Chevron USA, Inc.; Covestro, LLC; Huntsman International, LLC; Ineos Styrolution America, LLC; Nova Chemicals, Inc.; Occidental Chemical Corporation; Radiator Specialty Company; Schneider Electric Systems USA, Inc.; Shell Oil Company; Total Petrochemicals & Refining USA, Inc.; Union Oil Company of California; United States Steel Corporation In the District Court Harris County, Texas (Supported Plaintiffs)	Chemical Exposure	On-Going	BLA-20-001  Cause No. 2020-05009 – Court 189	2020-Present
Mr. David P. Matthews Matthews & Associates 2905 Sackett Street Houston, TX 77098	Plaintiff(s): Randall Dean Seidl et al. Defendant(s): Monsanto Co. United States District Court, Northern District of California & In the Circuit Court of Jefferson County State of Missouri. (Supported Plaintiffs)	Exposure to Roundup	Non-resolved cases moved to Frazer, PLC	MAT-20-001 Case No.: 3:17-cv-00519 MDL No. 2741  & Cause No.: 20JE-CO00709	2020-2021

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
William R. Sutton Beasley Allen Law Firm 218 Commerce St. Montgomery, AL 36104	Plaintiff(s): Randall Dean Seidl Defendant(s): Monsanto Co. United States District Court, Northern District of California (Supported Plaintiff)	Exposure to Roundup  Deposed 3/2/2021	On-Going	BEA-20-2002  Case No.: 3:17-cv-00519  MDL No. 2741	2020-Present
Mr. John (Rett) Guerry III Motley Rice LLC 28 Brigeside Blvd. Mt. Pleasant, SC 29464	Plaintiff(s): Cynthia Minnis, Personal Representative of the Estate of Porter K. Minnis, Deceased. Defendant(s): BNSF Railway Company, Individually and as Successor-in-Interest to The Burlington Northern, Inc., Burlington Northern & Santa Fe Railway Company, and Atchison, Topeka and Santa Fe Railway Company. In the Circuit Court of Linn County, State of Missouri (Supported Plaintiff)	Exposure to Diesel Fuel, Diesel Exhaust, Benzene, & Asbestos	On-Going	MOT-19-006  Civil Action No.: 19LI-CC00036	2021-Present
Mr. Wesley A. Bowden, Esq. Levin Papantonio Thomas Mitchell Rafferty & Proctor, P.A. 316 South Baylen Street Pensacola, FL 32502	In RE: Aqueous Film-Forming Foams Products Liability Litigation In the United States District Court for the District of South Carolina Charleston Division (Supported Plaintiff(s))	PFASs Expert Support	On-Going	LEV-21-002  MDL No.: 2:18-mn-2873-RMG	2021-Present
Mr. Wesley A. Bowden, Esq. Levin Papantonio Thomas Mitchell Rafferty & Proctor, P.A. 316 South Baylen Street Pensacola, FL 32502	Plaintiff(s): Middlesex Water Company, New Jersey. Defendant(s): 3M Company. United States District Court for the District of New Jersey (Supported Plaintiff)	Evaluation of Treatment Methods and Costs for Removals of PFASs	On-Going	LEV-21-003  Case No.: 2:18-cv-15366	2021-Present
R. Dean Hartley Hartley Law Group, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003	Plaintiff(s): Teddy A. Kemp and Judy L. Kemp, his wife. Defendant(s): Covestro, LLC, as successor-in-interest to BayerMaterial Science, LLC a wholly owned affiliate of Bayer Corporation, which was formerly known as Miles, Inc., successor-in-interest to Mobay Corporation and Bayer U.S.A, a Pennsylvania limited liability company; Axial Corporation, as successor-in-interest to PPG Industries, Inc., a Delaware Corporation; Ashland LLC, a Kentucky limited liability company; BP Amoco Chemical Company, as successor-in-interest to BP Chemicals, Inc., a Delaware Corporation; BP Products North America, Inc., successor-in-interest to BP Exploration & Oil, Inc., d/b/a BP Oil Company, a Maryland Corporation; Chevron U.S.A., Inc., as successor-in-interest by merger to Union Oil Company of California and as successor-in-interest to UNOCAL Corp., a California Corporation; Citgo Petroleum Corp., a Delaware Corporation; Conoco-Phillips Company, as successor by merger to Conoco, Inc. and f/k/a Phillips Petroleum Company, a Delaware Corporation; Exxon Mobil Corporation, a Delaware Corporation; Recochem, Inc., as successor-in-interest to	Exposure to Benzene	Negotiated Settlement 04/12/2001	HAR-20-004  Civil Action No.: 19-C-113C	2020-2021

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
	<p>Record Chemical Company, a Delaware Corporation; Shell Chemical, LP, d/b/a Shell Oil Company, a Delaware limited partnership; Sunoco (R&amp;M), LLC, successor-in-interest to Sun Company, Inc. (R&amp;M), a Pennsylvania limited liability company; Tauber Oil Company, a Texas Corporation; Union Oil Company of California, individually and as successor-in-interest by merger to UNOCAL Corp., a California Corporation; United States Steel Corporation, successor-in-interest to USX Corporation, USS chemicals Division, a Delaware Corporation; Valero Refining-Texas, L.P., as successor-in-interest by acquisition to Basis Petroleum, Inc., f/k/a Phibro Energy USA, Inc., a Delaware limited partnership; P&amp;B Steel Erectors, Inc., a West Virginia Corporation; and Sistersville Tank Works, Inc., individually and successor-in-interest to Tyler County Tank Works, Inc. a West Virginia Corporation.</p> <p>In the Circuit Court of Marshall County, West Virginia (Supported Plaintiffs)</p>				
<p>R. Dean Hartley Hartley Law Group, PLLC The Wagner Building 2001 Main Street, Suite 600 Wheeling, WV 26003</p>	<p>Plaintiff(s): Gregory S. Gwinn and Kimberly Ann Gwinn, his wife Defendant(s): Axalta Coating Systems, LLC, a Delaware LLC; Beckley Welding Supply, Inc., a West Virginia Corporation; Crest Industries, Inc., a Michigan Corporation; E.I. DuPont de Nemours and Company, a Delaware Corporation; Fleetwood Products, Inc.; a New Jersey Corporation; Genuine Parts Company, d/b/a NAPA Auto Parts, a Georgia Corporation; Grow Automotive, a foreign entity; International Autobody Marketing Group (IAMG), an Arizona Corporation; Mountain Marketing, Inc., a West Virginia Corporation; PPG Industries, Inc., a Pennsylvania Corporation; Refinishing Material Specialties, Inc. d/b/a RMS Pro Finishes, Inc., individually and as successor-in-interest to Warren's Auto Parts, Inc., d/b/a Auto Body &amp; Paint Supply, a West Virginia Corporation; Safety-Kleen Systems, Inc., a Wisconsin Corporation; The Sherwin-Williams Company (Martin Senour Automotive Finishes Division), an Ohio Corporation; Transtar Autobody Technologies, Inc., an Ohio Corporation; U-Pop US, Inc., a foreign entity; The Valspar Corporation, a Delaware Corporation; Warren's Auto Parts, Inc., d/b/a Auto Body &amp; Paint Supply, a West Virginia Corporation; and William Farruggia, d/b/a B&amp;L Distributors, a sole proprietorship.</p> <p>In the Circuit Court of Kanawha County, West Virginia. Honorable Judge Louis H. "Duke" Bloom (Supported Plaintiffs)</p>	<p>Exposure Surfactants and Surfactant Ingredients</p>	<p>On-going</p> <p>Deposed 4/13/2021, 4/14/2021 and 6/2/2021</p>	<p>HAR-20-005</p> <p>Case No.: 17-C-622</p>	<p>2020-Present</p>

ATTORNEY/LAW FIRM	CASE (Plaintiff(s) and Defendant(s) & Role	SUBJECT	DECISION	Project #/Case #	TIMEFRAME
Mr. Christopher Wiest Chris Wiest, Attorney at Law, PLLC 25 Town Center Blvd, Ste. 104 Crestview Hills, KY 41017	Plaintiff(s): Ridgeway Properties, LLC d/b/a Beans Café & Bakery and Commonwealth of Kentucky, ex re. Attorney General Daniel Cameron Defendant(s): Hon. Andrew Beshear, Governor, Commonwealth of Kentucky, et al. Commonwealth of Kentucky Boone County Court, Division 1 (Supported Plaintiffs)	COVID – Lockdowns, Masks and PPE	Trial Testimony on May 17, 2021  Bench Trial Decision in Favor of Plaintiffs on 6/8/2021	WEI-21-001  Case No.: 20-CI-00678	2021-2021
Mr. Seldon Jeff Childers Childers Law, LLC 2135 NW 40th Terrace, Suite B Gainesville, Florida 32605	Plaintiff: Justin Green Defendant(s): Alachua County, a political subdivision of the State of Florida In the Circuit Court of the Eighth Judicial Circuit in and for Alachua County, Florida & First District Court of Appeal State of Florida (Supported Plaintiff)	COVID – Lockdowns, Masks and PPE	Disclosed 4/21/2021  Appellant Decision in Favor of Plaintiffs for Reversal and Remanding 6/11/2021	WEI-21-001  Case No.: 2020-CA-1249	2021-2021
Mr. Patrick D. McMurtray Frazer PLC Burton Hills II 30 Burton Hills Blvd., Suite 450 Nashville, TN 37215	Plaintiff(s): Dolores Verdier, et al. Defendant(s): Monsanto Company, et al. In the Circuit Court of Jefferson County State of Missouri. (Supported Plaintiffs)	Exposure to Roundup	Negotiated Settlement 08/2021	FRA-21-001  Cause No.: 20JE-CO00709	2021-2021
Mr. Patrick D. McMurtray Frazer PLC Burton Hills II 30 Burton Hills Blvd., Suite 450 Nashville, TN 37215	Plaintiff(s): Mr. Allan Shelton Defendant(s): Monsanto Company In the Circuit Court of Jackson County, Missouri at Kansas City. (Supported Plaintiffs)	Exposure to Roundup	On-Going Deposed 8/24/2021	FRA-21-002  Case No. 1816-CV17026	2021-Present
Mr. John (Rett) Guerry III Motley Rice LLC 28 Brigeside Blvd. Mt. Pleasant, SC 29464	Plaintiff(s): Carolyn L. Robinson, as Executrix of the Estate of Jesse Irvin Robinson, Deceased and Wrongful Death Beneficiary and Surviving Spouse. Defendant(s): Illinois Central Railway Company. In the Circuit Court of the 19th Judicial District of Jackson County, Mississippi. (Supporting Plaintiff)	Exposure to Diesel Fuel, Diesel Exhaust, Herbicide, Solvents, & Asbestos	On-Going	MOT-21-001  Civic Action: 21-28(3)	2021-Present